Ricardo Reyes III

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US Citizen with prior/expired DoD & TSA Public Trust Clearance (Clearable)

SUMMARY:

I am a highly skilled IT professional with a comprehensive background and 25+ years of experience in software development, solutions architecture, and technical project management. Highly skilled in leading and contributing to diverse projects, showcasing proficiency in utilizing a broad spectrum of technologies and tools. Proven success in designing, developing, and enhancing complex applications, demonstrating a strategic approach to problem-solving. Adept at managing teams, implementing robust database solutions, and evaluating technologies for optimal project outcomes. Track record of delivering innovative solutions and driving project success.

CORE COMPETENCIES:

- Solution Architecture, Architecture Frameworks (DoDAF, TOGAF, Zachman), Visual Paradigm
- C#, VB.Net, .Net Core, MAUI, VB6, Blazor, ASP, ASP.Net, Infragistics, Far Point, Telerik & DevExpress Components
- Web App & SPA Development
- Business Systems Analysis, CRM Evaluations, Cloud (Azure, AWS)
- Reporting and Data Analysis, SSIS, SSRS, Crystal Reports/Business Objects, ActiveReports, Tableau, SharePoint
- Database Design and Development (SQL Server, Azure Dataverse, Oracle, MongoDB, PostgreSQL, MySQL)
- SQL development of queries, views, stored procedures, functions, triggers and Transact-SQL.
- Dynamics 365, Power Platform, Power BI, and Power Apps, Dataverse, SharePoint Framework (SPFx), Azure DevOps, TFS, Kubernetes, PayPal Pay Flow Pro, Robotic Process Automation (UiPath), Google gRPC
- Agile/Scrum Methodology (CSM), Software Development Life Cycle & Team Leadership
- Technology Evaluation, Documentation, System Modernization
- Application Management and Production Support, Splunk, Splunk Cloud, Jira, Service Now, Snowflake
- Security and Compliance, Vulnerabilities Resolution

CERTIFICATIONS/COURSES:

- Certified Scrum Master – Scrum Alliance
- Microsoft Certified Professional (MCP) – VB6
- Object Oriented Analysis & Design using UML - NFCU Internal Training Course
- Programming in Basic and COBOL - Ateneo de Manila
- Systems Analysis and Design - Ateneo de Manila
- Advanced Systems Analysis and Design - Ateneo de Manila
- LBMS in Software Development - Ateneo de Manila

TECHNICAL SKILLS:

- **Languages, Technologies & Frameworks & Platforms:** C#, VB.Net, ASP.NET Core, .Net MAUI, ASP.Net, Blazor, Python, VB6 (MCP), VBA, JavaScript, HTML, DHTML, XML, JQuery, ADO/OLEDB, ODBC, Web API, Telerik Kendo UI, Web Services, WCF, MVC, Bootstrap, Angular, Typescript, SOA, Knockout, SAFe, Department of Defense Architectural Framework (DoDAF), GOF architecture, Azure

- **Databases and DB Tools:** SQL Server (2022, 2019, 2016, 2014, 2012, 2008, 2005, 2000, 7), Oracle, MySQL, MS Access, Erwin, SQL Backup Master
- **Applications, Components and Tools:** .Net and OCX components from Telerik, Grape City Spread & ActiveReports, Infragistics\Sheridan, Component One, DevExpress, Sync Fusion, FaxMan, Gantt\Scheduling, Tx Text Control, Code Jock, Fusion Charts, Visual Paradigm UML tool, CodeOnTime SPA, Visual Studio (2026, 2022, 2019, 2017, 2015, 2010, 2008, 2005, 2003), Team Foundation Server (TFS), Visual SourceSafe, DevOps, SharePoint, Dynamics 360 CRM, MS Office SDK\API\Objects, Code Collaborator, Serena Dimensions, SS Integration Services, Power BI
- Reporting Tools\Apps: Telerik Reporting, Business Objects\Crystal Reports, ActiveReports, SS Reporting Services (SSRS), Power BI, Power Apps
- **Installers:** InstallShield, Install Aware, Tarma Installer
- **DMS\Imaging:** Documentum, FileNet, Hummingbird, Lead Tools, ImageLib

EDUCATION:

De La Salle University, Manila, Philippines,   **1985**
- B.S. Commerce (Accounting Major Senior)

University of the Philippines, Manila, Philippines   **1980**
- Pre-Engineering, Electrical

USA WORK EXPERIENCE SUMMARY:

Jan 1996 – Current
Senior Consultant/Partner
REYESCO LLC

Solutions Architect, Systems Analyst, Lead Developer & Help Desk Support:
- ImproveBuild Remodeler's Business Solution (VB6, SQL Server, MS Access)
- ClientManager Web Application (C#, SQL Server, Azure, SPA, SAAS)

Senior Consultant\Software Developer with various Federal, State and Commercial clients in the USA:

- Navy Federal Credit Union (NFCU) – 3 Contracts
- Transportation Security Administration (TSA)
- Deloitte for Cerner Healthcare
- Navy Federal Credit Union (NFCU) – 3 Contracts
- Office of the State Superintendent of Education (OSSE) – 2 onsite & 1 remote contracts)
- SAIC
- Office of Personnel Management (OPM)
- Department of Defense (DoD) - Army Criminal Investigation Division
- Northrop Gruman – Formerly Integic
- Dimension Data
- Foster Remodeling Solutions
- Digex
- US Court of Appeals for Armed Forces (USCAAF)
- Programmer's Consortium
- Inter Reality Corporation

Senior Consultant\Software Developer with various Government & Commercial clients in Australia (Details available upon request):
- Dren Technologies (VB6, MS Access)
- VODAC Telecom (VB6, SQL Server)
- Australia Healthnet Services (VB6)
- Commonwealth Bank of Australia (VB6, COBOL)
- Bankers Trust Limited (COBOL)
- Comcare Australia (COBOL, Wang PACE, VB6)
- Wang Australia (COBOL, Wang PACE)
- L.N.C. Industries (COBOL, Wang PACE)

Software Developer\Programming Instructor in Manila, Philippines (Details available upon request):
- Zenco Sales Inc (COBOL, Wang PACE)
- System Resources Inc. (SRI) (COBOL)
- Distributed Processing Systems (DPSI) (COBOL)
- Zilog (Phils) Inc. (COBOL)

USA WORK EXPERIENCE DETAILS:

Nov 2024 – Current
Systems Analysis, Application Management, Development & Support
- Provide support and help desk solutions for ImproveBuild and ClientManager applications.
- Provide Windows Server and Windows Desktop installation, configuration and support.
- Systems Analysis and resolve software, network and hardware issues.
- Perform enhancements & bug fixes as required using C#, VB6, VB.net, Python, SQL Server.

May 2023 – Nov 2024 (Developer/DBA/Consultant)
Senior Analyst/Solutions Architect/Lead DBA & Developer (ReyesCo)
- In charge of the business analysis, architecture, design, and development of a hosted business solution, Client Manager (https://www.clientmanager.com), designed for businesses engaging with clients.
- Full life cycle Project management, planning, and control. Scrum Master for small team of 5.
- Development tools include C#, Angular, Blazor, SQL Server, SSIS, SSRS, MySQL.
- Implemented Zachman framework to generate multiple architecture views.
- Lead a small team of 5 skilled developers, utilizing Visual Studio 2015 - 2022, Telerik components, JavaScript, and CSS, with SQL Server 2016-2022 as the backend.
- Employ Team Foundation Server for project tracking and source control.
- Analyze and assess various CRM applications (Salesforce, Microsoft Dynamics 365 CRM, Zoho One, etc.) to compare features with those offered by Client Manager.
- Conduct evaluations and tests of the web application https://www.clientmanager.com on various hosting providers, including Microsoft Azure and AWS, to compare performance and services provided.
- Creating Power App and Canvas App on the Power platform to mimic functionality of Client Manager using Azure Dataverse.
- Engineered a fully responsive Single Page Application (SPA) multi-tenant software service with 20 modules, addressing customer attraction and retention needs across industries - notable features include:
- Contacts and customer relationship management, Project tracking, management, and reporting, Estimating, contract proposals, and sales management. Lead prospecting, opportunity, and campaign management.

- Application and Customer support, including issue management to ensure high client satisfaction
- Vendor management and procurement processing (Quotes, Purchase Orders, Item receipts, Bills, Bill payments)
- Integration with third-party applications like QuickBooks, Google Apps, and Mail Chimp.
- Invoicing, payment receipt, and financial reporting.
- Implemented a sprint-based development approach with features released for testing in 3-week cycles.

Navy Federal Credit Union, Herndon, VA   **Jul 2018 – May 2023**
Senior Consultant/Senior Analyst/Lead Developer
- Contributed as a member of 15 teams within the Application Management & Support (AMAS) group, offering support and development for internal systems and applications utilizing .Net, C#, VB.Net, .Net Core, SQL Server, MySQL. Unit and integration testing are performed on all completed code. Scrum Master for small teams on various application development projects.
- Application management and production support using Splunk, Splunk Cloud, Jira, ServiceNow Change Management
- Windows Server and desktop installation, Upgrades and general infrastructure support and configuration.
- Generated diverse architecture views to aid in the design and development of C# Single Page Application (SPA) web applications.
- Review of various frameworks for implementation, including TOGAF and Zachman
- Utilized Visual Studio 2017/2019/2022 with C# and SQL Server 2018/2019 for development.
- Development of intranet for loan analytics using C#, Angular, Google gRPC, PostgreSQL, SSIS and SSRS.
- Executed database design and development of DB objects, encompassing tables, stored procedures, views, and jobs using SQL Server Management Studio (SSMS) & MySQL.
- Development and maintenance of SQL Server queries, views, stored procedures, functions, triggers and Transact-SQL.
- Develop & execute Oracle queries using TOAD to generate daily reports for various end-user groups.
- Designed, implemented, and updated SQL Server databases for development, integration, and Production environments to support intranet applications. Created and modified Transact-SQL for multiple applications.
- Responsible for data gathering, analysis and reporting on member activities.
- Developed multiple SSRS reports and performed SSIS ETL using SQL Server data from various intranet applications.
- Reporting & Analysis using Power Apps and Power BI
- RPA using UI Path
- Extend SharePoint webparts using modern SharePoint Framework (SPFx), Angular & Typescript, node.js, GULP, Yeoman
- Managed the installation, updating, maintenance, and support of various License Management servers for applications.
- Investigated and resolved application issues, collaborating with vendors for fixes when necessary. Documented incident causes and resolutions using ServiceNow. Service Now is also used for Release and Change Management.
- Employed Splunk, Splunk Cloud, Moogsoft, and Vendor Jira in investigation and remediation processes.
- Conducted research and resolved vulnerabilities on Windows servers as required.

Transportation Security Administration, Arlington, VA   **Jan 2018 – Jul 2018**
Senior Consultant (Maven Technologies)

- Played a key role in a team of 5, providing data analysis, reporting, and software development services to the TSA's Office of Inspection division.
- Development of ASP web application that effectively tracked and reported on internal functions such as investigations, time records, travel, and training for the investigative groups.
- Developed a specialized web application for internal investigative and auditing personnel using Microsoft Visual Studio and SQL Server.

Nolij Consulting\Deloitte, Falls Church, VA   **Feb 2016 – Oct 2017**
Technical Lead Engineer
- Managed product vendors for customizations, ensuring effective communication among COTS technical team members and other service areas, facilitating constant information flow during projects.
- Acted as the government representative on behalf of DoD/Government Leadership in all meetings related to projects within the EHR Core PMO Team.
- Oversaw all technical aspects of the Anatomic Pathology Laboratory Information System (APLIS).
- Familiarity with healthcare APIs including FHIR, HL7 and DICOM
- Provided technical guidance on servers, database cluster setup, security, information assurance compliance, and general application connectivity.
- Assisted and provided technical support to the Functional Project Manager and Product Delivery personnel.
- Ensured the timely completion of project schedules and deliverables.
- Created model views using Department of Defense Architecture Framework (DoDAF) specifications.
- Utilized and documented application using Gang of Four (GOF) Design Patterns.
- Developed an initial web application to track and monitor the progress of Defense Health Agency (DHA) projects using ASP.Net, C#, SQL Server 2014, and the TxText Control component.

Office Of State Superintendent for Education (OSSE), Washington, DC (Part-time)   **Feb 2015 – Oct 2017**
Architect, Database Admin & Lead Developer
- Led the redesign and development of a web-based application, replacing the existing Intuit QuickBase system, for the Strong Start DC Early Intervention Program.
- Completed enhancements to the QuickBase EIP while designing and developing replacement solution using classic ASP, ASP.Net, SQL Server, TxTextControl document merging.
- Managed all aspects of the Case Management application, handling scheduling, tracking child evaluation, diagnosis, interventions, and other direct services.
- Developed a multi-lingual web-based online forms collection for mobile devices, enabling service coordinators to gather information and guardian signatures.
- Generated and emailed finalized documents in selected languages.
- Developed and modified SQL Server Transact-SQL stored procedures, triggers and queries for use with web applications.
- Utilized the Gang of Four design patterns/framework (GOF) to design/describe the functionality of a new web-based application for HELC, responsible for ensuring 100% compliance with standards for institutions under its jurisdiction.
- Developed modules including Institution Directory/Contacts, License Application, Workshops and Payments, Complaints, and Inspections.
- Implemented a generic credit card payment module using PayPal, Pay Flow Pro, enabling ELC to accept payments for Transcripts, Training conferences, and Application Renewals.
- Converted ASP.Net Web forms application to MVC applications to establish a uniform look and feel across the enterprise.
- Implemented Telerik Kendo UI and AngularJS for consistent user experience.

- Utilized C# and ASP.Net for code development, Visual Studio 2015/2013, SQL Server 2012, Component One Spread, ActiveReports, and TxTextControl. Used Team Foundation Server (TFS) for source control.

Navy Federal Credit Union (NFCU), Vienna, VA   Oct 2013 – Jan 2015
Senior Consultant\Developer
- Led the migration of 12 Visual Basic 6 projects to VB.Net, including critical applications for building and deploying Java and Mainframe applications within the credit union, integrating with Serena Dimension SCM using API commands.
- Utilized Aspose Word's mail merge capabilities to dynamically generate Word documents from within applications.
- Conducted comprehensive analysis and design for Check Writer applications to be utilized across all NFCU departments.
- Utilized VB.Net in VS 2013, Oracle, Serena Dimension SCM, and API, along with BuildForge, for development and deployment automation.

Office Of State Superintendent for Education (OSSE), Washington, DC   Apr 2012 – Oct 2013
Lead Developer 4 & Database Administrator
- Assumed responsibility for designing and developing the Financial Management Module of the Early Childhood Information Management System (EIMS).
- Facilitated Fund Management, Invoicing, Voucher Processing, and Adjustment Management, facilitating the DC government's subsidization and management of childhood services programs.
- Designed and developed a web-based application enabling external Childcare Providers to renew Subsidy Agreement Applications.
- Perform data gathering, analysis and reporting of student and child placement activities.
- Utilized ASP.Net, C#, and SQL Server 2012, implementing DotNetNuke as the wrapper client portal for seamless functionality.
- Developed web-based applications using ASP.Net, C#, Visual Studio 2010, and SQL Server 2008 R2, employing Agile/Scrum methodology for efficient development.
- Served as the Database Administrator, overseeing database-related maintenance in various development and QA environments across multiple SQL Servers. Developed and maintained advanced Transact-SQL in stored procedures, functions and queries.
- Developed and enhanced SSRS/SSIS packages based on internal client requirements, ensuring successful execution of scheduled packages. Used Team Foundation Server (TFS) for source control.
- Reviewed and approved all database designs, including tables, stored procedures, functions, etc., before deployment to Quality Control and Production environments.

SAIC – AHLTA Military Healthcare, Falls Church, VA   Mar 2011 – Mar 2012
Senior Consultant\Developer
- Developed innovative solutions to speed up web services for Patient Search, contributing to greater system efficiency.
- Worked with a technology stack including Visual Studio 2010, VB.Net, VB6, C#, Oracle, SQL Server 2008, Team Foundation Server (TFS), CACHE Web Services, Tuxedo, Code Collaborator, and followed Agile Scrum Methodology.

ImproveBuild, LLC, Reston, VA (Part-time)   Oct 1999 – Jun 2016
Architect and Lead Developer
- Conceived, designed, and executed a comprehensive business solution tailored for the Remodeling and Construction industry, marketed under ImproveBuild, LLC.

- Managed all project related planning and tasks.
- Provide client support and services.
- Developed a versatile application that functions seamlessly as both a Windows application and a hosted solution using Microsoft Terminal Service.
- Integrated 15+ diverse components, including Customer Relationship Management (CRM), Project Management & Proposals, Project Accounting, Vendor Quotes/Purchase Orders & Payables, Marketing & Sales Management, Warranty Management & Scheduling, Bi-directional QuickBooks Integration, Management Reports & Analysis, Time & Expense Tracking, Activity Scheduling & Calendar, and Project Scheduling & Gantt.
- Employed a technology stack that comprises ASP.Net, VB.Net, VB 6, C#, .Net Compact Framework, ASP, HTML, Access, JavaScript, and Macromedia Flash, with MS SQL Server 2005/2008 R2 as the backend database. Utilize various VBX/ActiveX COM\COM+ components from Infragistics, Far Point, Chilkat, ActiveReports.
- Utilized third-party components such as Telerik, Infragistics, Grapecity ActiveReports, and Developer Express Reporting tools.
- Developed extraction, translation, and loading utilities for migrating RBS SQL Server databases for clients transitioning from other business applications like Master Builder and ACT.
- Executed the conversion of Java code to C# for the implementation of new time tracking and geo-location functionality in the Xora mobile application.
- Redesigned and redeveloped a web-based version of the application using C#, VB.Net, ASP.Net, and SQL Server 2008 R2, offering a more generic solution applicable across various industries.

Office of Personnel Management (OPM), Washington, DC   **Feb 2009 – Jan 2011**
Senior Consultant\Developer
- Functioned as an integral team member overseeing the development and production support of the Service Credit Application within the Office of Personnel Management.
- Contributed to the creation of a client-server system using Visual Basic.Net with SQL Server as the database backend, addressing the retirement program mandated by law for government employees.
- Utilized VB.Net and ASP.Net to develop an internet-facing component, enabling users to access service credit and retirement information via browsers - Agile development methodologies were employed for ongoing system enhancements.
- Developed a Windows service programmed to run nightly, handling processes such as payments, refunds, and address changes, enhancing the overall efficiency of the application.
- Played a vital role in migrating source code and the environment from Visual Studio 2003 and .Net Framework 1.1 to Visual Studio 2010 and .Net Framework 3.5/4.0.
- Maintained and enhanced the ASP.net interface for external users from various government agencies, utilizing C# and Infragistics Web components.
- Implemented reporting functionality using SAP Business Objects 12, empowering agency clients to generate both daily and ad-hoc reports.

American Systems Corporation, Chantilly, VA   **May 2005 – Mar 2008**
Senior Consultant\Developer
- Served as the Lead architect and developer of the OFFLINE version of the Army Criminal Investigative Division (ACI2) software, utilizing Microsoft .Net framework and tools such as C#, VB.Net, and ASP.Net, with Microsoft SQL Server 2000/2005 for database storage.
- Developed the ACI2 Admin tool, employing the .Net framework, C#, and SQL Server for database storage, alongside tools like Infragistics Net Advantage and DevExpress Component Suite - Responsibilities also

included ongoing enhancements and bug fixes for the core Windows-based ACI2 application used globally by the US Army.

Integic Corporation, Chantilly, VA   **Aug 2003 – Apr 2005**
Consultant\Developer

- Functioned as a Member of Integic Corporation's product development team enhancing e. POWER Activator and Express, which are workflow-enabled document and image management solutions.
- Involved in migrating application/database structure and data to the new object model (v 6.x), evaluated Documentum ECM and Hummingbird Document Engine for document versioning before discontinuation due to Documentum's acquisition by EMC2.
- Used development tools such as Visual Basic 6, Oracle, SQL Server, Visual Studio.NET, and VB.Net and integrated with the Hummingbird Document Management System, Spicer imaging solution, and Infragistic Net Advantage suite.

Dimension Data, Reston, VA   **May 2003 – Aug 2003**
Consultant\Developer

- Designed, developed, and maintained the AARP Healthcare website using ASP.Net, VB.Net, and SQL Server, offering members information and online access to healthcare services.
- Contributed as a team member supporting and enhancing multiple Dimension Data client websites, predominantly developed in ASP.Net with VB.Net as code-behind and utilizing SQL Server and Oracle as backend database engines.

Foster Remodeling Solutions, Inc., Lorton, VA   **Apr 2002 – Sep 2002**
Consultant\Developer

- Developed a configurable website/portal for Foster Remodeling Solutions using ASP.Net, SQL Server 2000, VB.Net, HTML, and JavaScript. Enables non-technical staff to modify content in real time.
- Implemented a Do-It-Yourself module for prospective clients to create online estimates for remodeling projects. Developed using ASP.Net and VB.Net, with SQL Server 2000 as the database engine.
- Created reports using Crystal Reports
- Integrated accepted projects into Remodeler's Business Solution software for efficient job management and tracking.

Navy Federal Credit Union, Vienna, VA   **Oct 1997 – Apr 2002**
Senior Consultant\Developer

- Designed and implemented the client-side database-driven component facilitating communication with Mainframe systems, delivering XML result sets with legacy client data for the Call Center Workstation project.
- Significant contribution to the development of the Call Center Workstation, a pivotal tool utilized by all NFCU customer representatives for handling member requests, including account inquiries, creation, and change of address.
- Designed and developed the Member Service Assistant, creating the main COM component incorporating Attachmate terminal emulation APIs and low-level HLLAPI - this facilitated transparent access to mainframe information, offering bidirectional access to legacy data, and laid the groundwork for the new Call Center Workstation.
- Developed multiple enterprise applications enhancing member services, including StarBlast Universal Access System (UAS) ActiveX Component, StarBlast Screen Scraping ActiveX Component, Open New Account Component, Debt Management System, Desktop Underwriting, Share Check Lookup (Check Imaging Retrieval System), and Member Assistance System.

- Employed development tools such as VB 6, VB.Net, Visual Studio 6, ASP, Visual Studio .Net, SQL Server, MS Access, ADO, ASP, ASP.net, HTML, DHTML, DOM, XML, Extra Objects, Crystal Reports, ActiveReports, and various third-party ActiveX/COM+ controls. Backend databases encompassed SQL Server 7 & 2000, Access, Oracle 8.x, and DB2.

Programmers' Consortium, Inc., Oakton, VA   **Oct 1995 – Oct 1997**
Senior Developer
- Developed custom business applications for various clients, including IDS Point of Sales Management, USCAAF Legal System, Digex Leads Management, Jobs Scheduling & Tracking, MRC MedSign+ Medical Transcription, Prioritization Matrix, Flowcharting Tool, and Gantt Chart Utility, using technologies such as VB, Access, Crystal Reports, and Gantt/VBX.