Richard H. Gross, MTS

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http://TheCodingDeacon.com (Portfolio Website)

HIGHLIGHTS

- Full-stack software developer with extensive .NET, C#, SQL, Oracle, Bootstrap, and JavaScript experience.
- Facilitated move from monolithic services to streamlined, easily maintained microservices with no downtime.
- Maintained existing enterprise-level .NET applications in both .NET Standard and Web Forms.
- Responsible for the design and creation of major enterprise applications using .Net Core.

KEY TECHNOLOGIES USED

.NET Core; ADO.NET; AJAX; ASP.NET; Bootstrap; C#; C/C++; CSS; Entity Framework; GIT; HTML5; JavaScript; jQuery UI; jQuery; JSON; LINQ; MVC; React.js; REST API; SOAP API; SQL Server; SQL; Subversion; Visual Basic.NET

TECHNICAL TRAINING

- Centriq, Certificate in Application Development in C#.NET; focus on software development in C#.NET through intensive boot-camp program that included C# Programming; HTML5/CSS3; Responsive Web Design; JavaScript; Model-View-Controller Design; Relational Databases & SQL; Data Manipulation; Data Architecture; Web Forms; and MVC Advanced.

CONTINUING EDUCATION – TECHNICAL

- **Various Institutions:** .Net Core Security; .NET Core: Middleware; Advanced C#; Artificial Intelligence Foundations: Machine Learning; Asynchronous Programming in C#; C# Algorithms; C#: Collections; Ellucian Live Online 2020; Events and Extension Methods in C#; Generics and Delegates in C#; Introduction to PHP and SQL; Lambda Expressions; LINQ; MVC Advanced; MVC Fundamentals; MVC: Data Architectures; MVC: Introduction to Data; Object Oriented Programming with C#; React.js; Relational Database Design and SQL; Responsive Web Design; Salesforce for Customer Service; Web Forms with Data
- **Soft Skills, Various Institutions:** Collaborative Leadership; Creating a Culture of Collaboration; Cultivating Cultural Competence and Inclusion; Cultivating Mental Agility; Diversity, Inclusion, and Belonging; Executive Presence on Video Conference Calls; How to be an Adaptable Employee During Change and Uncertainty; Managing Stress for Positive Change; Mindful Meditations for Work and Life; Mindfulness Practices; Nonprofit Fundraising Essentials; Productivity Tips: Finding Your Productive Mindset; Remote Work Foundations; Skills for Inclusive Conversations; Starting a Nonprofit; The Mindful Workday; Time Management: Working from Home
- **Salesforce Trailhead Badges Earned:** Create a Process for Managing Support Cases, Impact of Unconscious Bias, Salesforce Flow, Salesforce Flow for Service, Lightning App Builder, Trick or Trailhead VI, Administrator Certification Prep: Reporting and Automation, Apex Triggers, Service Cloud for Lightning Experience, Service Essentials Features, Service Cloud Basics, Low Code Love '20, Desk.com Basics, Quick Start: Process Builder, Data Management, Salesforce Platform Basics, Rich Publisher Apps for Experience Cloud Sites, Personalize Experience Cloud Sites with Audience Targeting, Share CRM Data with Your Partners, Data Modeling, Search Basics for Experience Builder Sites, Community Rollout Strategy, Build an Experience Cloud Site with Knowledge and Chat, Experience Cloud Basics, #QuestYearEVAR '19, Database & .NET Basics, Quick Start: Aura Components, Lightning Alternatives to JavaScript Buttons, Lightning Experience Basics, Trailhead Playground Management, Trailhead Basics

ADDITIONAL EDUCATION

- Master's Degree, Sacred Theology, Ave Maria University, Naples FL – Graduated Cum Laude
- Bachelor of Arts, English, Western Kentucky University, Bowling Green, KY
- Academic Coursework for Ordination, Conception Seminary College, Conception, MO

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PROFESSIONAL EXPERIENCE

GRANTHAM UNIVERSITY, LENEXA, KS   **02/16-05/21**
Software Developer II

- Collaborated on the design plan for moving from monolithic services to streamlined, easily maintained and distributed APIs.
- Created microservices that allowed seamless transition from outdated services with no downtime.
- Maintained and Developed enterprise-level .NET applications in both MVC and Web Forms.
- Designed and developed a new MVC application that coordinates data from multiple sources and generates PDF records for government compliance purposes.
- Designed and developed a new MVC/API application to record incoming and outgoing text messages and archive that information in student's record.
- Designed and developed an application to automate the migration of data from one system to another using APIs.
- Designed and developed a Salesforce-base ticketing system used by all university departments for issue and student tracking.
- Designed and developed a .Net Core student-facing application to summarize a student's degree work and show classes remaining, class options, earned grades and estimated time to degree completion based on the individual's past work.
- Created extensive integrations with the university's Banner (Oracle) database.
- Mentored junior developers.
- Worked closely with business to deliver needed software features in a timely, efficient manner.
- Worked with fellow IT teams to coordinate delivery of new applications.
- Collaborated with other developers on the design and scoping of all projects using Agile methodology.
- Consistently maintained lowest ticket response times from initial creation to final resolution.

THE STAINED GLASS ASSOCIATION OF AMERICA, KANSAS CITY, MO   **1995-2015**
Webmaster

- Designed and created original Stained Glass Association of America website in early 1996.
- Grew original static website into suite of five responsive websites, each serving a different branch of the Association.
- Developed secure e-commerce and online ordering for SGAA publications and products.
- Created secure online registration portal for annual conference registration.
- Created secure online registration portal for online membership registration and renewal.
- Ensured continuous access to all five Association websites, continuously delivering 99.9% uptime.
- Ensured timely and accurate website updates and new material for each publication interval.
- Strengthened website security against ongoing cyberthreat vectors.
- Designed and built sites to accommodate users with disabilities or using assistive technologies.
- Worked with SGAA officers, committee members, and general membership to create relevant, timely content for the industry.
- Created online editions of the association's annual trade publication, the *Sourcebook*.