Brian Rosamilia

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Technical Skills

Programming Languages: C#, JavaScript, TypeScript

Frameworks & Libraries: ASP.NET MVC, React, Node.js, Vue.js, Entity Framework, LINQ

Cloud & DevOps: Azure, Azure DevOps, Azure Functions, Azure Pipelines, GitHub Actions, AWS

Databases: SQL Server, Cosmos DB, Redis, MongoDB, MySQL

Portfolio / Projects / GitHub: BrianRosamilia.github.io

Professional Experience

Aderant – Atlanta, GA (Remote) – February 2019 – March 2025
Senior Software Engineer
- Created and architected .NET 8 email service that processed millions of emails, utilizing Cosmos DB for storage that significantly reduced operating costs. Included 85%+ unit test coverage, CI/CD, Application Insights, and ARM
- Created, monitored, and developed Azure App services and Azure Functions via Application insights; which led to my creation of open source npm package azure-function-log-intercept (which has been used by Microsoft and Okta, 250,000+ npm downloads)
- Created and architected .NET 8 service to synchronize data between Aderant and third party data that resulted in a 90% reduction in manual work for Aderant's largest clients
- Evangelized a culture of testing in both JavaScript and C# by adding unit tests to legacy projects and implementing testing as a core component of all new service development. Added the first repeatable unit tests to the main billing engine responsible for processing all transactions
- DevOps automation via Azure DevOps, Azure Pipelines, ARM templates, and GitHub Actions to automate infrastructure and deployments that led to fewer regressions and increased the team's ability to deliver releases in shorter periods of time
- Created Power BI embedded enterprise reporting application utilizing React to share enterprise reporting with clients. Unit tested with Jest and React Testing Library

Giftogram – Parsippany, NJ – August 2017 – January 2019
Senior JavaScript Engineer
- Designed and created the order logistics platform using Vue.js and AWS that processed and shipped all Giftogram orders. This enabled production to efficiently label, proof, ship, track, and monitor all orders
- Designed and implemented sales platform in AWS using Vue.js, achieving 99.999% uptime
- Created a Vue.js package vue-crono, used by both the business and npm / GitHub users to schedule tasks in Vue components

ConnectiveRx – Whippany, NJ – July 2016 – August 2017
Software Engineer
- Utilized JavaScript and .NET to develop lifestyle medication websites that reduced medication costs for customers
- Led architectural discussions and decisions; investigated and created prototypes for several proofs of concept that affected the way new lifestyle medication websites were created and architected

Prevalent Inc – Warren, NJ – October 2014 – June 2016
Senior Software Engineer
- Designed and developed web applications in JavaScript (MEAN stack) and ASP.NET MVC 5
- Designed and implemented event-driven database solutions using the MongoDB change feed that allowed developers to develop reactive solutions by hooking into the feed event pipeline

Pursuit Solutions – Chester, NJ – July 2013 – October 2014
Software Engineer
- Developed healthcare analytics platform for cross-site tracking data that tracked and visualized billions of interactions in ASP.NET MVC and JavaScript

Zelis – Bedminster, NJ – May 2009 – July 2013
Software Developer
- Developed ASP.NET MVC applications in C# with Entity Framework, LINQ, and JavaScript
- Engineered and launched the Zelis Payments web and admin portals in ASP.NET MVC

AT&T- Morristown, NJ – Summer 2008
Programmer / Database Developer

Education

Ramapo College of New Jersey Bachelor of Science, Computer Science – 2009