Brian Rosamilia

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Technical Skills

Programming Languages: C#, JavaScript, TypeScript

Frameworks & Libraries: ASP.NET MVC, React, Vue.js, Node.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
- C#, React, and Node.js engineer tasked with designing, creating, and extending services and web applications in Azure
- Created and architected .NET 8 email service that processed millions of emails, utilizing Cosmos DB for storage which significantly reduced operating costs. Included unit testing, CI/CD, Application Insights, and ARM
- Created and architected .NET 8 service to synchronize data between billing vendor sites and our own data that resulted in a 90% reduction in manual work for our clients
- Created 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 our main bill processing engine responsible for processing all transactions
- DevOps automation via Azure DevOps, Azure Pipelines, ARM templates, and GitHub Actions to automate infrastructure and deployments that lead to fewer regressions and increased the team's ability to deliver releases in shorter periods of time
- Created Power BI embedded application utilizing React to share our enterprise reporting with clients. Unit tested with Jest and React Testing Library
- 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)

Giftogram – Parsippany, NJ – August 2017 – January 2019
Senior JavaScript Engineer
- Designed and created the order administration system 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
- Developed full stack solutions in AWS for the sales portal, achieving 99.999% uptime
- Developed reusable Vue directives, mixins, and filters to modularize functionality
- 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
- Technical leader responsible for ASP.NET MVC 5 projects
- Utilized JavaScript and .NET to develop lifestyle medication websites that reduced medication costs for customers
- Lead architectural discussions and decisions; investigated and created prototypes for several proofs of concept that affected the way new lifestyle medication website were created and architected

Prevalent Inc – Warren, NJ – October 2014 – June 2016
Senior Software Engineer
- Responsible for developing 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 relying by hooking into this event pipeline

Pursuit Solutions – Chester, NJ – July 2013 – October 2014
Software Engineer
- Full stack Microsoft cloud software developer
- Worked with remote team to delegate work, communicate technical details, and helped ensure the software development life cycle moved forward in parallel
- Technology focus on Entity Framework, LINQ, 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
- Gave a talk on LINQ that covered key LINQ topics (expression trees, anonymous types, extension methods and how to write composable LINQ)

AT&T- Morristown, NJ – Summer 2008
Programmer / Database Developer
- Maintained a landlines database that was crucial in the event of a landline failure overseas

Education

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