Matthew Echeverria

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EXPERIENCE

DATASCAN - ALPHARETTA, GA
Staff Engineer – (January 2024 – Present)
- Led feature development for the "Notification System" project, implementing services and APIs, defining development standards, and collecting data to define the MVP. Achieved a successful, business-critical launch on time.
- Directed the rewrite of a legacy Dealer Trade system, implementing services and APIs, establishing development standards, and defining the MVP. Delivered a timely launch critical to business operations.
- Mentored software engineers, advancing their skills in software principles, Domain-Driven Design (DDD), and architectural/design patterns to elevate team performance.
- Collaborated with Product and QA teams to resolve bugs, implement new features, and ensure application stability and growth. Improved KPIs, enhanced the user experience, and fostered transparency across the organization.
- Introduced new processes and procedures into the software development life cycle, including product grooming, technical grooming, and weekly syncs, while adding comprehensive documentation to enhance transparency and project tracking.
- Identified developers' key strengths and matched tasks to their expertise while offering opportunities for growth, ensuring projects stayed on track and fostering professional development.
- Addressed tech debt by upgrading Angular applications to the latest version and updating packages with security vulnerability fixes, improving system security and maintainability.

PRIME TRUST - REMOTE
Staff Engineer – (January 2023 – Nov 2023)
Senior Software Engineer – (May 2022 – January 2023)
- Developed service and API templates utilizing Nodejs/TypeScript, Express/NestJs, Inversify, RabbitMQ, Slonik, and Docker to expedite the delivery of new services and APIs.
- Designed an account documents system using RabbitMQ, Docker, Nodejs/TypeScript, and GitHub Actions as the centralized source for account tax reports and monthly statements.
- Engineered a reconciliation system using RabbitMQ, Docker, Nodejs/TypeScript, and GitHub Actions to ensure compliance with regulations and provide tools for fraud detection and dispute resolution.
- Guided software engineers in advancing their skills and knowledge to the next level, with a focus on software principles, Domain-Driven Design (DDD), and architectural and design patterns.
- Implemented GitHub Actions with release note tracking, resulting in a significant reduction of the release timeline from one week to just one day.

COMMISSIONS INC – MARIETTA, GA
Solution Architect – (March 2021 – May 2022)
Senior Software Engineer – (December 2019 – March 2021)
- Designed Micro-frontends integration into the existing single-page application using Vuejs, S3, and SingleSpa-Js enabling the utilization of various client-side frameworks and facilitated frontend upgrades without disrupting business operations.
- Transformed a labor-intensive, manual release process into an automated system using GitHub Actions resulting in faster release times, increased developer satisfaction, and reduced production bugs.
- Initiated, replaced, and modernized outdated frontend technologies resulting in accelerated feature development, bug reduction, and increased developer satisfaction.
- Designed the Deals Application as a new microservice and Microfrontend using Docker, Node.js/TypeScript, Vuejs, C#/.NET, and GitHub Actions. This initiative boosted user adoption and contributed to meeting critical business KPIs.

- Collaborated with Product and QA to address bugs and implement new features ensuring the application's stability and growth, accomplishing KPIs, enhancing the user experience, and fostering transparency across the organization.
- Lead the company's CRM product team by establishing agile and test driven development practices, removing blockers, bug backlog grooming, and product requirement analysis breakdown resulting in higher team and stakeholder engagement and consistent, iterative improvements to customer experience.

TURNER BROADCASTING – ATLANTA, GA
Software Engineer – (July 2016 - October 2019)
- Designed and implemented a document creation system utilizing TypeScript, Nodejs, AWS, and RabbitMQ enabling users to automate document generation and significantly improve job proficiency.
- Developed an ETL process utilizing Pentaho to migrate 1.5 terabytes of data from SQL to PostgreSQL enabling the timely meeting of business deadlines and zero loss of data.
- Upgraded the Ad Sales application by leveraging feature branches, Jira tickets, and tracking to identify and resolve bugs during the .NET and Entity Framework version updates. This proactive approach led to fewer post-upgrade issues, ensured the application remained within support parameters, and promoted the adoption of new technology.
- Lead the feature development of a project called "Reveal" by implementing services & APIs, creating development standards for the team, and collecting data to define the MVP resulting in a successful and timely business critical launch.

MCKESSON – ALPHARETTA, GA
Junior Software Engineer – (June 2013 – July 2016)
- Enhanced the Outpatient application by actively participating in bug fixes and aligning user requirements with feature development resulting in improved operational efficiency and customer satisfaction.
- Established UI and JS standards company-wide by creating documentation, leading training sessions, teaching via pair programming, and developing an internal webpage to showcase styled components. This resulted in reduced frontend bugs and enhanced consistency across all company applications.
- Lead the migration from WPF to MVVM UI using RequireJS, Kendo, Jquery, and Knockout aiding in modernization of UIs throughout the company and skill growth of teammates while meeting deadlines.

SKILLS

- Build & Deploy: Docker, Github Actions, MSBuild, Jenkins, Webpack, RequireJs, and Gulp
- Database: SQL, MySQL PostgreSQL, and Redis
- Infrastructure: AWS, Terraform, RabbitMQ, Kafka, and ElasticSearch
- JavaScript: VueJS, React, jQuery, Knockout, Angular, and Backbone
- Languages: C#, Java, Bash, PowerShell, JavaScript, TypeScript, Python, and HTML/CSS
- Methodologies: Agile, Scrum, and Feature Driven Development
- Practices: SOLID, Domain Driven Design, MVC, MVVM, and Test Driven Development
- Testing: NUnit, xUnit.net, Postman, JasmineJS, and MochaJS
- UML: class models, state models, use case diagrams, and system sequence diagramming
- Web Frameworks: ASP.NET MVC, ASP.NET Web API, .NET Core, ExpressJS, NestJS, and WCF

EDUCATION

AUBURN UNIVERSITY – AUBURN, ALABAMA
Bachelor of Science in Software Engineering