

Samuel Huff

samueljhuff.com

Technologies

Object Oriented Languages (Typescript, Javascript, C#, Dart, Golang), Front-End Development (HTML/CSS, Angular, React, Flutter, WPF), Back-End Development (Node.js, Express.js, ASP.NET, Gorilla), Cross-Platform frameworks (Flutter, Ionic/Capacitor), Full-Stack Development, SQL and NoSQL Databases (MSSQL, MySQL, Couchbase, MongoDB), DevOps Pipelines (Azure DevOps, Jenkins), Web API Design/Development (GraphQL, REST, web sockets), Source Code Management (Git, Github, Bitbucket)

Work Experience

NV Energy, Reno, NV

Senior Software Engineer | October 2021 - Present

- Identified and mitigated application bottlenecks resulting in a 50% decrease in application load times.
- Developed and deployed a net-new customer portal in under 3 months.
- Spearheaded developing a performance monitoring stack to identify performance bottlenecks and reduce API response time by an average of 12% per request.

Software Engineer 3 | April 2021 - October 2021

- Implemented and enforced developer process improvements which resulted in a 20% decrease in regressions and 10% increase in developer velocity.
- Identified and addressed customer onboarding issues and unblocked 5000+ new user registrations.

Software Engineer 2 | January 2021 - April 2021

- Migrated NV Energy's IDP from Okta to Azure B2C for 3 customer portal applications.
- Orchestrated multi-team changes that enabled website deployment with 0 downtime to users.
- Led a 6-member team and coordinated with 2 business stakeholders and 3 other technical departments to address customer needs.
- Analyzed and addressed API usage to reduce fees by over \$5000 per month while increasing the customer benefit of the API integration.

Software Engineer 1 | February 2020 - January 2021

- Managed and optimized performance of company applications, ensuring seamless user experience for a user base of 1.4 million; conducted regular maintenance and updates to uphold system stability and reliability.
- Directed the insourcing of website and mobile app operations from external contractors, achieving a 15% increase in ticket velocity, a 40% decrease in lines of code, and a significant improvement in shareholder confidence.

Hamilton Company, Reno, NV

Software Engineer 2 | May 2019 - January 2020

- Pioneered and maintained a unit-like testing framework for hardware and firmware that reduced manual testing by 3 days per deployment and became the on-site diagnostic software.
- Mentored 4 interns on code quality and application development process which yielded a 10% decrease in development time for new robotics integrations.

Software Engineer 1 | January 2017 - May 2019

- Created Visual Studio solution templates that standardized application code, tests, documentation, and installers, which resulted in 30% faster application development time.
- Built Azure DevOps pipelines for projects that saved 10s of hours per week of manual testing and installer creation time.

Education

Oregon Institute of Technology, Klamath Falls, Oregon

Bachelor of Science, Software Engineering Technology | December 2016