

Julianne Lee | Software Engineer

✉ juliannevlee@gmail.com

☎ +801-669-4770

🌐 <https://juliannelee.netlify.app>

Software engineer with deep experience in AI-augmented development, backend integration, and automation. Skilled in React, Angular, TypeScript, and modern build systems, with a strong track record of using Claude, Bedrock, and Copilot to accelerate delivery, generate documentation, optimize tests, and enhance cross-service reliability. Passionate about building high-quality interfaces supported by performant front end architecture and AI-powered tooling.

Experience

● Front End Software Engineer Bill | Draper, Utah

2024 - Present

- Built an AI-powered release-note generation service integrated into the CI/CD pipeline using AWS Bedrock and Claude, reducing manual creation effort by 97% and demonstrating deep expertise in AI-augmented development and automation.
- Developed an AI-driven nightly E2E testing summarization workflow using AWS Bedrock and Claude, cutting on-call investigation time from 45 minutes to 5 minutes by generating structured, high-signal insights from raw test output.
- Architected and led the development of the Vendors Embeddable Widget, collaborating closely with backend, platform, and international payment teams to design scalable APIs and integration patterns enabling partner platforms to create and update domestic and international vendors.
- Designed and delivered the international payments experience within the scheduling payments system, working across services, API teams, and geolocation-driven payment logic to support global transactions and complex validation flows.

● Front End Engineer Motivosity | Lehi, Utah

2021 - 2024

- Implemented "Timed Trial" feature that boosted expansion deals and renewal deals.
- Built an internal Health Score analytics tool to provide actionable insights into customer engagement and platform stability.
- Authored and maintained extensive unit test suites using Jasmine, increasing reliability and supporting seamless CI/CD workflows.

● Web & Mobile App Developer Alliance Benefit Group | Midvale, Utah

2018 - 2021

- Engineered dynamic mobile app that enhanced financial advisor attraction and retention.
- Streamlined SQL queries, enhancing development team efficiency and fostering a more user-friendly development environment.
- Created a progressive web app onboarding portal that automated data collection and reduced manual work for 401(k) onboarding teams.

Education

● Utah Valley University

2020

- Bachelor of Science, Web Design, & Development

Skills

- AI-Augmented Engineering: AWS Bedrock, Claude, GitHub Copilot, Prompt Engineering, AI-driven workflow automation
- Frontend Development: React, Angular, Typescript, HTML/CSS, LESS/SASS, UI Architecture
- Backend / Systems: REST APIs, GraphQL, SQL, Testing frameworks, CI/CD pipelines, Java