

Neeki Askari

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Professional Experience

Ally Financial (Contracted under BrookSource) | Software Engineer II

Jan 2024 - Present

- Collaborate on **full-stack** development for primary dealer-facing applications, using Typescript, ReactJS and Node.js to build scalable software solutions for multi-vehicle contract creation that directly contributed to **14.6 million consumer auto applications** in 2024.
- Build modular based front-end components using HTML, CSS, and Javascript/Typescript according to ticket requirements outlined by the business team.
- Lead the integrations of third-party APIs (e.g., DocuSign) and secure file transfer solutions from ideation to implementation to release, working closely with internal and external teams to create features that streamline automated contract signing and verification.
- Participate in **Agile/Scrum** development practices, including daily stand-ups, regular deployments, ticket management, and providing and receiving feedback through code reviews.
- Engineered AWS Lambda, S3, and CloudFront services, monitor logs, and quickly diagnose and troubleshoot application issues to ensure reliability and scalability.
- Maintain and create **automated unit tests** using Vitest and Jest to confirm application functionality, collaborating closely with the QA team to provide testing evidence and swiftly resolve issues
- Architected and managed **continuous integration and continuous development (CI/CD)** with efficient pipeline management, **version control** best practices, and Git workflows.
- Collaborate with design, product, and backend teams to deliver well-architected projects on schedule, ensuring an exceptional end-to-end functionality and maintaining over **95%** customer satisfaction.

Galvanize | Support Engineer

Jun 2023 - Dec 2023

- Monitored help desk requests for the Hack Reactor program, assisting with troubleshooting and improving full stack software.
- Explained fundamental concepts of JavaScript, Typescript and Node.js, guiding students in coding best practices for full-stack development.

Projects

Portfolio Website | JavaScript, Typescript, Vite, React, AWS S3 and Cloudfront

2025

- Developed a responsive, mobile-first personal portfolio website utilizing Vite and Typescript.
- Implemented CI/CD pipeline with AWS Amplify to automatically build and deploy application artifacts to S3 and serve via CloudFront.

Hyperloop API | JavaScript, Node.js, Express, PostgreSQL, AWS EC2

2023

- Developed and optimized a backend system to support the diverse services of a high-traffic web application.
- Designed a PostgreSQL schema with an ETL process, streamlined loading and management of massive datasets of over 3 GB to enhance the data processing speed and system efficiency.

Technical Skills

Front End: JavaScript (ES6+), TypeScript, React, Next.js, Vite, HTML5, CSS3, Material UI (MUI)

Back End: Node.js, Express, Python, RESTful APIs, PostgreSQL, MySQL, MongoDB, Docker

Cloud & Deployment: AWS Amplify, AWS S3, AWS CloudFront, AWS Lambda, AWS EC2, AWS CloudWatch, Terraform, CI/CD pipelines (Git, GitHub Actions, GitLab CI)

Testing: Vitest, Jest, Mocha, Chai, React Testing Library, Nock

Tools & Practices: Git, Webpack, Babel, Agile/Scrum, API Integration, Secure File Transfer

Certifications

AWS Cloud Practitioner | AWS

2025

Education

Hack Reactor | Advanced Software Engineering

2023

University of California, Santa Barbara | Bachelor's Degree

2018