

JASON MAA

SOFTWARE DEVELOPER

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EXPERIENCE

Amazon Web Services – Arlington, VA

Software Development Engineer II – Quick Suite

Jan 2025 – Jan 2026

- Delivered features for Q Business and Quick Suite AI products such as anonymous chat sessions, search support for a connector rewrite, internal accuracy analysis reports for chatbot behaviour across 15+ SaaS data providers, and automated service expansion into 4 new AWS regions.
- Developed a way to robo-audit code across my organization using Kiro AI tooling. I was able to connect Kiro to internal builder MCP servers and prompt it to audit source code based on requestor ticket content. Robo-audits processed over 1 million SLOC and saved my organization at least 10 dev-months of coordination and engineering effort.
- Mentored and assisted other engineers throughout my team and organization. I acted as a force multiplier, working with engineers to unblock them on bugs and CI/CD pipeline build issues. My work helped engineers turn multi-week problems into single day problems.

Software Development Engineer II – AppFabric

Dec 2023 – Jan 2025

Software Development Engineer I – AppFabric

Sep 2021 – Dec 2023

- Delivered general availability launch of AWS AppFabric, an AWS service that helps enterprise customers aggregate normalized security logs and generate insights across multiple SaaS vendors through generative AI, as part of the AppFabric team.
- Responsible for developing customer-facing API, AWS Console web app, and DNS network infrastructure.
- Built service monitoring and alerting system. This ensured the team visibility into our service and allowed us to maintain 99.95% service availability.

Redhorse Corporation – Arlington, VA

Software Developer Intern

Jun 2020 – Aug 2020

- Delivered a web app to help researchers analyze COVID-19 research documents using knowledge graphs.
- Owned development for Spring Boot microservice to interface with Elasticsearch and Neo4j graph database.
- Optimized API logic, achieving a more lightweight process that reduced application search time by up to 40%.

Google Summer of Code, AIMAcode – Remote

Student Developer

Jun 2019 – Aug 2019

- Built interactive AI demonstrations in React for the *Artificial Intelligence: A Modern Approach* textbook.
- Integrated browser webcam and image upload to assist in visualizing the Canny edge detection algorithm.

PROJECTS

Kuiperbowl

Django, WebSocket, PostgreSQL, Docker

Nov 2018 – Present

- Launched and continue to maintain a competitive, real-time trivia bowl platform using Django, WebSockets, and PostgreSQL. The platform continues to serve 60+ monthly active users.

Highlight.js syntaxes

JavaScript

May 2023 – Present

- Released and continue to maintain community contributed code highlighter syntaxes for multiple languages including Apache VTL, Smithy, and Cedar.
- Ensured reliability by automating regression testing with snapshot tests as a GitHub Actions workflow.

SKILLS

Languages: Python, Java, Kotlin, Go, TypeScript, JavaScript, SQL, Rust, C

Technologies: AWS, CDK, Node, Elasticsearch, Claude, DNS, Terraform, Docker, React, Spring Boot, Django, MongoDB, Tokio

Other: Software Design, Object-Oriented Programming, Backend Development, Web Development, Generative AI, Prompt Engineering, Relational Databases, Distributed Systems, Agile, Scrum