

# Aima Ovai

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## Career Summary

Software Engineer with 4 years of experience in full-stack development, specializing in scalable backend services, responsive user interfaces, cloud integrations, and high-performance systems. Skilled in translating complex requirements into reliable, user-focused applications across Java, React, TypeScript, cloud platforms, and modern DevOps practices. Known for improving platform reliability, strengthening test coverage, streamlining development workflows, and collaborating cross-functionally to deliver maintainable technical solutions.

## Core Skills

**Languages:** Java, Python, JavaScript, TypeScript, Go, C++

**Frontend:** React.js, Next.js, Node.js, HTML5, CSS3, Sass, Angular

**Backend:** System Design, Temporal.io, REST APIs, Google Protocol Buffers, BFF Architecture

**Testing:** Cypress, Jest, JUnit, Cucumber, Selenium, BDD

**Cloud, DevOps & Data:** Azure DevOps, Azure SDK, ARM, AWS S3, AWS IAM, Docker, Kubernetes, Jenkins, GitHub, ElasticSearch, SQL, Protobuf

**Design & Methodologies:** Figma, Adobe XD, UX/UI Design, Agile, Scrum, Jira, Confluence, SDLC

## Professional Experience

### Software Engineer II | American Express

*Jan 2025 – Present*

- Build Java/Vert.x REST API solutions for Global Merchant Services, supporting scalable merchant maintenance and backend service integration.
- Develop full-stack solutions across backend services and internal user-facing workflows, partnering across teams to connect business requirements with reliable technical implementation.
- Design bulk merchant maintenance capabilities with audit-trail support, improving traceability and reducing manual support effort for external teams.
- Strengthen platform health by improving SonarQube adoption, resolving build issues, and contributing to 80%+ application code coverage across team repositories.
- Drive engineering enablement through knowledge sharing, technical documentation improvements, and onboarding resources that support team-wide framework adoption.

### Senior Software Engineer | Left Field Labs

*Contract | Feb 2026 – June 2026*

- Developed backend services for an internal coaching platform for Google, supporting scalable data workflows and client-specific product requirements.
- Built and maintained Java-based features using Google Protocol Buffers, BOQ, SQL, and internal development tooling.
- Designed and optimized backend logic and database interactions to support reliable platform functionality and efficient data access.
- Used Gemini AI for prompt refinement, technical exploration, and productivity support during backend feature development.

- Collaborated in a client-focused engineering environment to translate platform requirements into maintainable backend implementation.

## Software Engineer II | Dell Technologies

*July 2022 – Aug 2024*

- Enhanced scalability and integration efficiency by developing cloud storage solutions with Temporal Workflows in Java and Azure REST APIs, enabling seamless large-scale data handling.
- Integrated AWS with Dell PowerScale by developing modular React, TypeScript, and JavaScript components while maintaining compatibility with the existing PowerFlex system.
- Reduced page load time by 57.14%, improving performance from approximately 7 seconds to 3 seconds through front-end optimization with CSS3 and JavaScript best practices.
- Improved backend processing speed by 5% through optimized resource management in Java and Go microservices, reducing operational overhead.
- Increased system reliability by addressing architectural bottlenecks and transforming critical infrastructure into high-availability systems for new storage products.
- Maintained 95% code coverage with automated testing using Jest, JUnit, and Cypress, minimizing production issues and improving release confidence.
- Reduced onboarding time by creating comprehensive technical documentation with UML diagrams to accelerate knowledge transfer and team ramp-up.

## Software Engineer Intern | Dell Technologies

*June 2021 – Aug 2021*

- Automated real-time data monitoring by integrating Elasticsearch with Python, removing manual checks and providing immediate data insights for Dell Isilon systems.
- Increased system stability by 5% by developing Python unit tests that minimized error rates and improved code reliability.
- Improved data accuracy and consistency across 50+ datasets by implementing efficient ETL pipelines into Elasticsearch.
- Created feature-specific technical documentation to support efficient implementation across development and QA teams.
- Enhanced sprint efficiency by organizing daily stand-ups, backlog management, and user story refinement in Jira while serving as Scrum Master.

## IT Intern | American Family Insurance

*May 2020 – Aug 2020*

- Increased user satisfaction by enhancing internal tools through interface redesigns with HTML, CSS, and React.js.
- Reduced development time by 10% through modular, reusable components that minimized redundancy and simplified updates.
- Enabled faster project approvals by designing wireframes and interactive prototypes that gave stakeholders clear visual direction.
- Improved team alignment by documenting design processes and maintaining consistent feedback loops around project goals and requirements.

## Education

**University of North Texas**

Master of Science: Biomedical Engineering | Minor: Computer Science

## Certifications/Relevant Courses

- Docker Foundations Professional Certificate
- Security Foundations
- CompTIA Security+ (SY0-701) — in progress