Aima Ovai

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Career Objective

Software Engineer with 2+ years of experience in full-stack development, specializing in designing and implementing scalable, high-performance systems. Skilled in transforming complex requirements into reliable, user-focused applications, I bring a strong foundation in system architecture, responsive interfaces, and cloud technologies. I am passionate about leveraging my technical expertise and collaborative mindset to drive innovation, optimize processes, and create impactful solutions within a dynamic, forward-thinking team.

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
- **Design & Collaboration**: Figma, Adobe XD, UX/UI Design, Agile/Scrum, Jira, Confluence
- **Cloud Platforms**: Azure (DevOps, SDK, ARM), AWS (S3, IAM)
- **DevOps & CI/CD**: Docker, Kubernetes, Jenkins, GitHub
- **Data Management**: ElasticSearch, SQL, Protobuf, AWS S3
- **System Design & Architecture**: Microservices, Distributed Systems, High-Availability, Scalable Infrastructure
- **Methodologies**: Agile, Scrum, SDLC

Professional Experience

Software Engineer II | Dell Technologies

July 2022 – Aug 2024

- Enhanced scalability and integration efficiency by developing and optimizing cloud storage solutions with Temporal Workflows in Java and Azure REST APIs, enabling seamless, large-scale data handling.
- Enabled seamless integration of AWS with Dell PowerScale by developing modular front-end components in React, TypeScript, and JavaScript, while maintaining compatibility with the existing PowerFlex system, enhancing cross-platform functionality and deployment efficiency.
- Achieved a 57.14% reduction in page load time (from ~7 seconds to ~3 seconds) by optimizing front-end performance with CSS3 and JavaScript best practices, significantly enhancing the user experience.
- Boosted backend processing speed by 5% through optimized resource management in Java and Go microservices, resulting in reduced operational costs.
- Elevated UI consistency and accessibility by implementing responsive, intuitive interfaces using Figma and CSS, aligning with brand standards and creating a seamless cross-device experience.
- 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, which minimized production issues and enhanced overall system reliability.
- Utilized CI/CD pipelines in Jenkins and GitHub to automate deployments, reducing manual interventions and supporting rapid, smooth feature rollouts.
- Reduced onboarding time for new team members by creating comprehensive technical documentation with UML diagrams, facilitating faster knowledge transfer and supporting team growth.

Software Engineer Intern | Dell Technologies

June 2021 – Aug 2021

- Automated real-time data monitoring by integrating ElasticSearch with Python, removing the need for manual checks and providing immediate data insights for Dell Isilon systems.
- Increased system stability by 5% by developing robust Python unit tests, which minimized error rates and improved code reliability.
- Improved data accuracy and consistency across 50+ datasets by implementing efficient ETL pipelines into ElasticSearch, supporting reliable data ingestion.
- Created feature-specific technical documentation to support clear understanding and 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, delivering faster, more intuitive user experiences.
- Boosted code maintainability and cut development time by 10% through modular, reusable components, reducing redundancy and simplifying updates across projects.
- Enabled faster project approvals by designing wireframes and interactive prototypes that provided stakeholders with clear visual insights, leading to more efficient project iterations.
- Facilitated team collaboration by documenting design processes and establishing a consistent feedback loop, ensuring alignment on project goals and requirements.

Education

University of North Texas
Master of Science: Biomedical Engineering | Minor: Computer Science

University of North Texas
Bachelor of Science: Biomedical Engineering | Minors: Computer Science & Mathematics

Certifications/Relevant Courses

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