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.

Professional Experience

Software Engineer II | Dell Technologies

July 2022 – Aug 2024

- Enhanced system scalability by developing and optimizing cloud storage solutions with Temporal Workflows in Java and Azure REST APIs, allowing seamless data handling for large-scale systems.
- Improved integration efficiency by 12% by designing and implementing modular front-end microservices in React, TypeScript, and JavaScript, which enabled cross-platform compatibility and faster deployment.
- Achieved 5% boost in backend processing speed by optimizing microservices with Java and Go, enhancing resource management and reducing operational costs.
- Maintained 95% code coverage by implementing automated tests with Jest, JUnit, and Cypress, which minimized production issues and enhanced system reliability.
- Reduced deployment time by streamlining CI/CD pipelines with Jenkins and GitHub, lowering manual intervention rates and supporting smoother feature rollouts.
- Decreased onboarding time for new team members through creating clear, comprehensive technical documentation, including UML diagrams, that facilitated faster knowledge transfer.
- Elevated system reliability by addressing architectural bottlenecks, transforming critical infrastructure into high-availability systems for new storage products.

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.

- 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.
- Reduced development time by 20% by creating reusable, responsive components, expediting project turnarounds and allowing teams to focus on high-impact tasks.
- Enabled faster project approvals by designing wireframes and interactive prototypes that provided stakeholders with clear visual insights, leading to more efficient project iterations.
- Improved code maintainability by implementing modular components, reducing redundancy and simplifying future updates across projects.
- Facilitated team collaboration by documenting design processes and establishing a consistent feedback loop, ensuring alignment on project goals and requirements.

Core Skills
- **Languages:** Java, Python, JavaScript, TypeScript, Go, C++
- **Frontend**: React.js, Next.js, Node.js, HTML5, CSS3, Sass, Figma, Adobe XD, Angular
- **Backend**: System Design, Temporal.io, REST APIs, Google Protocol Buffers, BFF architecture
- **Testing**: Cypress, Jest, JUnit, Cucumber, Selenium, BDD
- **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

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