Aima Ovai

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Summary

Software Engineer with nearly 3 years of hands-on experience developing scalable web and cloud applications, specializing in improving system performance, reducing defects, and streamlining development processes. Proficient in full-stack technologies such as Java, JavaScript, CSS, and HTML, with a strong track record of delivering high-quality, innovative software solutions. Seeking opportunities to apply technical expertise and problem-solving skills to drive impactful results in a dynamic development environment.

Education

University of North Texas
MSc Biomedical Engineering | Minor: Computer Science   **Aug 2021 – May 2022**
University of North Texas
BSc Biomedical Engineering | Minor: Computer Science & Mathematics   **Aug 2018 – May 2021**

Professional Experience

Software Engineer II | Dell Technologies   **July 2022 – Aug 2024**

- Accelerated release frequency by 10% through the design and deployment of microservices, leveraging Java, Docker, and Kubernetes.
- Reduced deployment times by 15% by contributing to CI/CD automation for Dell PowerScale, streamlining the software delivery process.
- Enhanced data retrieval speed by 10% through the implementation of Java serialization with Protocol Buffers.
- Delivered modular front-end microservices using JavaScript, TypeScript, and CSS, driving a 15% improvement in scalability.
- Boosted code quality by leading testing efforts with JUnit and Cypress, achieving a 10% increase in coverage.
- Minimized post-release defects by 12% through adherence to best coding practices in Java and JavaScript.

Software Engineer Intern | Dell Technologies   **June 2021 – Aug 2021**

- Enhanced system accuracy by 20% and reduced downtime by 15% with the development of a Python-based ElasticSearch system integrated with Dell APIs.
- Strengthened testing efficiency by improving test coverage by 10% with Python unittest.
- Increased team productivity through active collaboration on critical projects.

IT Intern | American Family Insurance   **May 2020 – Aug 2020**

- Elevated user satisfaction by 15% through the redesign of internal tools using JavaScript and React.js.
- Improved usability by 25% and reduced development time by 20% by optimizing front-end designs and implementing reusable components.
- Contributed to the successful launch of multiple projects by enhancing system efficiency and integrating web solutions with HTML, CSS, and JavaScript.

Skills

Programming Languages: Java | TypeScript | JavaScript | Python | C++ | C# | Golang | SQL
Technologies: Spring | Microservices | REST APIs
Cloud Services: Azure SDKs
Web Development: React.js | HTML5 | CSS3 | React | Angular | Node.js | Next.js | HTML | CSS
Tools & Frameworks: Jenkins | GitHub | Docker | Jest | Bootstrap | Node.js | Kubernetes | Jira | Cypress | Figma | Selenium | Gherkin | Cucumber | JUnit | Linux | VS Code | IntellijIDEA
Development Practices: Test Driven Development (TDD) | Continuous Integration/Continuous Deployment (CI/CD) | Agile Methodologies
Concepts: Data Structures and Algorithms | Software Development Life Cycle (SDLC)

Certifications/Relevant Courses

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