Yannick S. Fumukani

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I am a full-stack software engineer interested in building magical mobile, and web experiences, scaling systems up, and shipping reliable applications.

WORK EXPERIENCE

Software Engineer   **LGN Trucking LLC**   **2020 - Present**

- ❖ Developed and maintained enterprise-level applications using C# .NET.
- ❖ Collaborated with product management to define technical requirements and prioritize features, resulting in a 15% increase in user satisfaction.
- ❖ Implemented automated testing, resulting in a 30% increase in code coverage and a 20% decrease in defect density.
- ❖ Utilized agile methodologies to deliver feature-rich solutions ahead of schedule, earning recognition for consistently meeting project milestones.
- ❖ Collaborated with cross-functional teams to design scalable architectures, ensuring seamless integration with existing systems and future scalability.

PROJECTS

Software Engineer   **Zaterah**   **ExpensesX**

- ❖ Developed and implemented a comprehensive expenses management mobile application, **Expenses X**, which facilitates users in consolidating and categorizing their expenses efficiently.
- ❖ Designed and integrated a robust authentication system ensuring secure access and protection of user data
- ❖ Designed user interfaces and implemented features aligned with user needs utilizing React Native.
- ❖ Designed and implemented the backend using NodeJs and Typescript
- ❖ Deployed on Amazon AWS using services including RDS, ECR, ECS and Fargate
- ❖ Published in the App store

Cy-Activity | COMS 309 | Fall 2021

- ❖ Collaborated with three students to create a social media activity app with Java Spring Boot and Android, supporting thousands of users and reducing API response time by 50%.
- ❖ Implemented robust Spring Security measures, reducing unauthorized access incidents by 60%.

EDUCATION

Bachelor of Science in Software Engineering
Iowa State University, Ames, IA,   May 2023

RELEVANT SKILLS

- ❖ **Programming languages:** HTML, CSS, JavaScript, Typescript, SQL, JAVA, Swift, C#, C/C++, and Python
- ❖ **Frameworks:** ReactJS, Angular, Spring Boot, DotNET, Next.js, React Native, SwiftUI
- ❖ **Databases and Tools:** Git, MySQL, PostgreSQL, SQL Server, MongoDB, AWS, Docker, Linux, Agile and Figma
- ❖ **Soft skills:** Strong communication, problem-solving, self-motivation, continuous learning

LEADERSHIP

- ❖ **Member of NSBE** (National Society of Black Engineers)

HONORS AND ACHIEVEMENTS

- ❖ **COMS 309 | Fall 2021:** Software Development Practices - Best Coder Award