Kyle Onela

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Work Experience

Senior Software Engineer   **September 2021 — Present**
Initech Global, Grand Rapids, MI

- Designed and modernized internal applications like Quality and Air Freight using Next.js and AWS at Bissell, enhancing functionality and user experience.

- Collaborated with the Creators Backend for Frontend (BFF) Team at Amway to build and maintain AWS Serverless Cloud infrastructure, ensuring functional feasibility with design and product teams. Delivered backend APIs to support Creators+ application enhancements. Tech stack: GraphQL, Node.js (TypeScript), AWS, Contentstack, Jest.

- Collaborated with the 360 Messaging and CRM Foundations Team at Amway to implement cloud solutions on AWS, utilizing services like DynamoDB, Lambda (Node.js), API Gateway, and CDK. Developed an Angular application to manage user and ABO preferences.

- Mentored interns and junior software developers on internal applications and also assisting HR with recruiting and interviewing candidates weekly.

Software Engineer   **November 2020 — August 2021**

- Assisted the APES Team at Amway in developing an Angular application to automate exception payment processing in the North America financing system, including exception scheduling, payment calculations, and invoice record creation.

- Supported the Experience Optimization and Personalization Enablement Team at Amway in enhancing user experience across e-commerce sites by leveraging Optimizely and Qualtrics for A/B testing and personalization strategies.

- Co-led the Initech Web Design Team in redesigning and expanding content for the official company website, enhancing user experience and brand consistency.

- Enhanced CRM performance at Design Force Marketing by optimizing the application and refactoring legacy code using Angular, resulting in improved speed and maintainability.

Associate Software Engineer   **May 2020 — November 2020**

- Optimized and maintained Amway's Tealium ecosystem to ensure data integrity, supporting the successful launch of the Heap Analytics across all Amway e-commerce platforms.

- Designed and implemented MyInitech, a scalable, cloud-based workforce management system that streamlines HR and project management operations, leveraging Angular for the front end and Spring Boot for the back end.

Software Development Intern   **May 2019 — May 2020**

- Built and optimized the Homeowner's Association (HOA) application, used to manage several HOAs in the Grand Rapids Area. This application was developed using Angular and Spring Boot.

Education

Bachelor of Science in Computer Science   **August 2016 — May 2020**
Grand Valley State University, Allendale, MI

Skills

Programming Languages: TypeScript, JavaScript, Java, Python
Web Development: Angular, React, Node.js, Next.js, Spring Boot, HTML, CSS
Other: Git, SQL, Amazon Web Services (AWS), Microsoft Office 365, Jest, GraphQL, Heap Analytics, Optimizely, Qualtrics

Certifications

AWS Certified Cloud Practitioner   **June 2021 — June 2024**