

Kyle Onela

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Work Experience

Senior Software Engineer

September 2021 — April 2025

Initech Global, Grand Rapids, MI

- Designed and modernized internal applications like Quality and Air Freight using Next.js (React) and AWS at Bissell. Engaged with end users to gather feedback, enhance functionality, and improve the overall user experience. Implemented CI/CD pipelines using GitHub Actions and Azure DevOps (ADO) for build and release management.
- Partnered with the Creators Backend for Frontend (BFF) team at Amway to develop scalable AWS serverless cloud infrastructure, ensuring functional feasibility with design and product teams. Delivered microservices-based backend APIs to support Creators+ application enhancements utilizing GraphQL, Node.js (TypeScript), AWS, and Jest with CI/CD pipelines for automated deployment and testing.
- Delivered microservices on AWS using DynamoDB, Lambda (Node.js), API Gateway, and CDK as part of the 360 Messaging team at Amway, enabling scalable, event-driven backend services. Built an Angular app to manage user and ABO preferences, improving CRM efficiency.
- Mentored interns and junior software developers and assisted HR in recruiting and interviewing candidates weekly.

Software Engineer

November 2020 — August 2021

Initech Global, Grand Rapids, MI

- 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.
- Co-led the Initech Web Design team in redesigning and expanding content for the official company website, enhancing user experience, brand consistency, and overall site engagement.
- Enhanced CRM performance at Design Force Marketing by optimizing the application and refactoring legacy code using Angular, C#, and ASP.NET Core MVC, resulting in improved speed, efficiency, and maintainability.

Associate Software Engineer

May 2020 — November 2020

Initech Global, Grand Rapids, MI

- 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 with MySQL for the back end. Enhanced and extended existing RESTful APIs to support new features and improve system performance, and wrote unit tests with JUnit and Mockito to ensure backend reliability.

Software Development Intern

May 2019 — May 2020

Initech Global, Grand Rapids, MI

- Developed a fully functional Homeowner's Association (HOA) web application using Angular, Spring Boot, and MySQL to build a robust system featuring RESTful APIs, efficient CRUD operations, seamless user authentication, and responsive UI components. Wrote unit tests with JUnit and Mockito to validate core backend functionality.

Education

Bachelor of Science in Computer Science

August 2016 — May 2020

Grand Valley State University, Allendale, MI

Skills

Programming Languages: Java, TypeScript, JavaScript, C#, Python

Web Development: Angular, Spring Boot, React, Node.js, Next.js, ASP.NET Core MVC, HTML, CSS

Other: Git (GitHub, BitBucket), SQL (MySQL, PostgreSQL), Amazon Web Services (AWS), Jira, Azure DevOps (ADO), Jest, Docker, Jenkins, GraphQL, Agile (Scrum, Kanban), Swagger, Postman, Microsoft Office 365

Certifications

AWS Certified Cloud Practitioner

June 2021 — June 2024