

Jesse Chumo

Software Engineer

👤 Profile

I'm a software engineer whose primary goal is to apply technical expertise throughout the software life cycle to ensure the production and delivery of world-class products and services that meet client specifications.

Equipped with strong personal knowledge, communication skills, technical skills, and experience in software engineering, I am passionate about solving problems, and understanding how things work and how I could improve them.

Details

Arlington

United States

+1 682 371 6966

jessechumo@gmail.com

Links

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Skills

Typescript

JavaScript

Python

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Docker

AWS

React / React Native

GraphQL

NodeJS/ NestJS

MongoDB

MySQL

Testing

Git

🎓 Education

MS Computer Science, UT Arlington, Texas

August 2024 — December 2026

GNN Research at UTA CSS lab

BSc Information Technology, Kabarak University, Kenya

May 2018 — December 2021

GDG (Google Developer Groups) member

💼 Employment History

Full Stack Developer at Fasi Health, Nairobi

August 2023 — August 2024

- Implemented a Responsive Design for Mobile (EXPO) and web app (NextJs) that allowed the applications to be used seamlessly on various devices, from admins to end users.
- Created a GraphQL API that allowed for seamless integration with the backend.
- Developed and maintained a Turborepo monorepo that allowed code reusability between the two mobile apps and a web app.
- Developed a secure authentication system using AWS Cognito, ensuring seamless and secure authentication.
- Created a Continuous Integration/Continuous Deployment (CI/CD) from GitHub Actions to AWS Elastic Beanstalk that ensured seamless deployment.

Front End Web Developer at Fameve, Nairobi

November 2022 — July 2023

- Implemented automated testing that achieved 91% code coverage drastically reducing production issues.
- Created reusable components using Angular for the MShoppa E Commerce Platform
- Created custom directives to manipulate DOM elements and extend the functionality of components

Software Development Intern at JamboPay, Nairobi

May 2022 — November 2022

- Supported the development of a new messaging platform using NestJS for notifying customers through emails and SMS.
- Wrote SQL queries for reports needed for the admin dashboard, helping management visualize sales.
- Monitored and tested systems for downtime.