

Dorcas A. Oloo

Software Engineer

+254790921582

oloodorcas99@gmail.com

Makadara,, Nairobi, 100, Kenya

<https://github.com/dachieng>

<https://www.linkedin.com/in/dorcas-oloo/>

<https://olooportfolio.netlify.app/>

PROFILE

A software engineer passionate about building interactive and efficient web applications that prioritize the user experience. My expertise spans modern technologies such as TypeScript, React.js, Next.js, GraphQL (Apollo and Relay), and Python/Django, alongside UI frameworks like Material UI, xStyled, and Shadcn. I thrive in collaborative environments where I can help design and deliver innovative solutions that make a real impact.

SKILLS

Javascript React NextJS Angular JS React Native Python Django NodeJS Redux Redux Toolkit Zustand
React Query GraphQL (Apollo, Relay) PostgreSQL MySQL Docker/Git/Github/Figma Jest/Cypress/Jasmine
Playwright / Selenium Context API

EXPERIENCE

Software Engineer

Instadriver

February 2024 - Present

- Spearheaded migration from React.js to Next.js, cutting page load times by 50% and boosting Core Web Vitals scores.
- Built and optimized responsive, accessible UI components with Next.js, React Query, and Tailwind CSS, ensuring seamless cross-device usability.
- Integrated ImaliPay APIs to enable M-Pesa and bank transactions, powering driver and partner wallets with secure payouts/top-ups.
- Implemented code-splitting and lazy loading, enhancing scalability and performance for high-traffic pages.
- Collaborated with backend engineers and designers in agile sprints, performing code reviews and improving maintainability.
- Contributed to backend development with Python/Django, implementing API endpoints and ensuring seamless integration with frontend features.
- Optimized database queries in Django (PostgreSQL), improving transaction processing speed and reducing API response times.

Frontend Developer

Qawqal

August 2024 - May 2025

- Delivered the Qawqal Admin dashboard using Next.js + Tailwind, improving usability and reducing admin task time by 30%.
- Built user-facing features with GraphQL (Apollo) and React, integrating AI model selection (OpenAI, Claude, Google AI).
- Enhanced application state management with Zustand and Apollo cache, improving data consistency and responsiveness.
- Applied testing with Jest + Cypress, catching bugs earlier and reducing production issues.
- Automated deployments via Vercel CI/CD, ensuring fast and reliable release cycles.

Frontend Developer

EpicApp Ltd

May 2023 - December 2023

- Developed and maintained dynamic Angular applications, improving performance and engagement through reusable component design.
- Partnered with cross-functional teams to deliver scalable frontend solutions, ensuring alignment with business goals.
- Enhanced code quality with unit tests (Jasmine) and Git-based version control.

Frontend Developer

United States of Africa

November 2022 - May 2023

- Created React-based web applications, delivering engaging UIs optimized for speed and scalability.
- Worked closely with backend engineers to integrate REST APIs and improve data flow efficiency.
- Contributed to agile ceremonies (sprint planning, retrospectives), driving timely feature delivery.

Internship

Gitstart

August 2022 - September 2022

- Contributed to Storybook open-source project, improving UI component documentation and reusability.
- Built and refined client-facing applications with React and Next.js, emphasizing responsive design and accessibility.
- Strengthened frontend skills with GraphQL integration and exposure to scalable application design.

PROJECT

Movershaven

<https://movershaven.com/>

Role: Frontend Developer | Tech Stack: Next.js, React, GraphQL, Tailwind CSS

Built a platform that connects customers with reliable movers, enabling them to find, compare, and book services online. Contributed to the frontend development, implementing responsive UIs, API integrations, and optimizing performance for a smooth booking experience.

EDUCATION

Bsc Computer Science Computer Science

Jomo Kenyata University of Agriculture and Technology(JKUAT)

September 2017 - December 2022