Joseph Nzau
Team Lead (Senior Software Engineer)

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An Accomplished Software Engineer with over 7 years of experience in frontend development and full-stack solutions. Skilled at building scalable applications, enhancing user experiences, and leading teams to deliver impactful business solutions.

Work Experience

Lori Systems

Remote (Nairobi) • 10/2019 - Present

Senior Frontend Developer

- Led a cross-functional team to develop the core business applications delivering critical business technology solutions that enhance operational efficiency and scalability.
- Implemented responsive and accessible Progressive Web Application, ensuring compatibility across multiple devices and browsers, boosting Transporter and Cargo Matching by 25%.
- Optimized web application performance by implementing advanced Webpack techniques—including code splitting, tree shaking, lazy loading, and asset compression—boosting load speed by 30% and improving overall user experience.
- Developed and maintained code quality through rigorous testing and debugging, reducing bug rate by 20% with a 90% code coverage.
- Mentored junior developers in front end technologies, improving team skills and project delivery speed by 40%.
- Initiated and led a project for code modularity and reuse, resulting in a 90% reduction in code bundle and a 15% reduction in development costs

Andela

Remote (Nairobi) • 03/2017 - 09/2019

Full Stack Developer

- Collaborated to build a decision-support system using ReactJS and NodeJS, and PostgreSQL enhancing data-driven decision-making reducing client chun by 30%
- Developed a robust matching platform that facilitated 100% increase in client connections. This resulted in Andela raising over 200 million USD in Series B and C funding.
- Participated in the Andela Bootcamp and Apprenticeship Program of 6 months, making it to the top 1% of selected Junior Developers.

Skills

Frontend Development
- TypeScript
- React.js
- Next.js
- Tailwind CSS
- Redux

Backend Development
- GraphQL
- Node.js
- Prisma
- REST API

Architectural Patterns
- Micro Frontends
- Micro Services
- Event Driven Architecture

Build Tools
- Webpack
- Vite

Database Systems
- PostgreSQL
- MongoDB

Tools & Methodologies
- AWS
- GCP
- Agile Methodology
- Docker
- Firebase
- Jira
- Figma

Starcity

Remote (San Francisco, Nairobi) • 01/2019 - 08/2019

Frontend Developer

Contractor

- Implemented a user-friendly onboarding system for a membership platform, which improved client acquisition and payment processing efficiencies.
- Rebuilt frontend code from ClojureScript to React, reducing the speed of hiring by 50% and cutting down on cost by 15%.
- Created a reusable library using React and styled components, leading to a 30% decrease in code duplication and streamlined frontend development processes.

Volunteering & Leadership

YALI Mandela Washington Fellowship ·

08/2016 - 12/2016

Fellow • Nairobi

- I Participated in an intensive leadership development program focused on business and entrepreneurship, civic leadership, and public management.
- Collaborated with a network of emerging African leaders, empowering communities through leadership and innovation.
- Engaged in mentorship programs, learning key leadership skills and contributing to regional initiatives that shape the future of Africa.

Norec · 01/2016 - 11/2016

Volunteer • Addis Ababa

- Formed partnerships with educational institutions and NGOs to provide ongoing support, training resources and mentorship to students and gender groups.
- Implemented training programs in Ethiopia, enhancing entrepreneurial skills and success rates among youth.

Education

Computer & Information Systems

Kenya Methodist University