

Results-oriented Fullstack Engineer with extensive experience in e-commerce. Spearheaded the migration to a serverless architecture, reducing operational costs by 35% and improving scalability by 50%.

EXPERIENCE

SENIOR FULL-STACK ENGINEER • FEB 2022 — PRESENT

OMCBase • Netherlands

- Designed the user authentication system, resulting in a 45% decrease in security vulnerabilities.
- Implemented SEO best practices, leading to a 15% increase in organic traffic and improving search engine ranking positions.
- Demonstrated strong problem-solving skills, quickly identifying and resolving critical production issues, reducing downtime by 30% and improving application stability.
- Developed client-side caching strategies using Service Workers, reducing server load and decreasing page load time by 25% for returning users.
- Created a comprehensive documentation system for the codebase, improving onboarding for new team members, and reducing ramp-up time by 30%.
- Resolved complex technical issues promptly, maintaining an average bug resolution time of under 24 hours.
- Reduced the website's loading time by 50% through optimizing image assets and implementing lazy loading techniques, leading to improved user experience and a 15% decrease in bounce rate.
- Technologies: ReactJS, Typescript, Redux, PHP/WordPress, PHP/Laravel

FRONTENDENGINEER [ REMOTE ROLE ] • JUN 2020 — DEC 2021

Plecco Technologies • New York

- Implemented a modular and scalable CSS architecture using BEM (Block Element Modifier) methodology, reducing CSS file size by 40% and making maintenance easier for future developers.
- Implemented client-side caching strategies using Service Workers, reducing server load and decreasing page load time by 25% for returning users.
- Refactored legacy code, resulting in a 30% reduction in code complexity and increased feature delivery speed by 25%.
- Technologies: ReactJS, Typescript, Redux

CONTACT

Nairobi, Nairobi, 00100  
[jmnyarega@gmail.com](mailto:jmnyarega@gmail.com)  
(+254) 703-922-095

PROFILES

[StackOverflow](#)  
[LinkedIn](#)  
[Github](#)  
[Portfolio](#)

SKILLS

Javascript  
Node.js  
React.js  
Vue.js  
GraphQL  
Docker  
Python  
HTML  
CSS  
D3js  
PHP  
WordPress  
Laravel  
AWS  
DIVI/Elementor

## FULL STACK ENGINEER [ REMOTE ROLE ] • OCT 2018 – MAR 2020

Stem Disintermedia Inc • Greater Los Angeles • CA

- Developed a metric system enabling users to track song performance across platforms, increasing user engagement by 30%. Initiated the creation of tools for seamless addition of new platforms, reducing development time by 20%.
- Reviewed code, identified and debugged issues, and implemented necessary corrections, improving software reliability by 25%.
- Coordinated large-scale software deployments to ensure efficient rollouts, achieving a 95% success rate.
- Adjusted design parameters to incorporate new features and enhance system functionality, resulting in a 15% increase in user satisfaction
- Utilized NodeJS, ORM, and SQL/No-SQL to develop and manage databases, optimizing data retrieval speeds by 40%.
- Technologies: ReactJS, Typescript, XML, and Python

## FULL STACK ENGINEER • JUL 2017 – APR 2020

Andela • Nairobi • Kenya

- Designed APIs with back-end developers, resulting in a 30% reduction in integration time.
- Conducted code reviews, diagnosed issues, and implemented fixes, improving code quality by 25%.
- I was responsible for gathering and solution design, enhancing project delivery speed by 20%.
- Built and maintained back-end databases, applications, and servers for website support, ensuring 99.9% uptime.
- Created unit test cases for automated testing, increasing test coverage by 40%.
- Guided junior team members through mentoring and training, boosting team productivity by 15%.
- Technologies: ReactJS, Typescript, Redux, Python/Django, Python/Flask

## EDUCATION

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY - KENYA

Bachelor of Science in Information Technology • OCT 2012 – OCT 2016