

Njihia Njagi

Software Engineer

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Profile

I am a software engineer with a passion for building scalable and efficient web applications with over six years of experience building web and mobile applications in JavaScript and TypeScript. I specialize in developing intuitive user interfaces, optimizing application performance, and collaborating with cross-functional teams to deliver scalable solutions.

Experience

2024 – present Nairobi, Kenya	Senior Software Engineer, Bingwa Services <ul style="list-style-type: none">• Led business development and process improvement initiatives, resulting in streamlined operations that reduced project turnaround time by 30%.• Enhanced infrastructure automation with Terraform and ArgoCD, reducing manual intervention by 50% and decreasing deployment time from 2 hours to 15 minutes on average.• Integrated advanced monitoring and logging solutions, improving system reliability by reducing mean time to detect issues by 75% and increasing overall uptime from 98.5% to 99.9%.
2021 – 2023 Nairobi, Kenya	Software Engineer, Bingwa Services <ul style="list-style-type: none">• Developed a hybrid e-commerce web app using Ionic, Angular, and TypeScript, improving user retention by 25%.• Streamlined the release process by implementing CI/CD pipelines with GitHub Actions, reducing release cycle time by 50%.• Performed comprehensive unit and integration testing utilizing Jasmine & Jest, achieving an impressive 95% code coverage rate.
2019 – present Nairobi, Kenya	Freelance Developer, Self-employed <ul style="list-style-type: none">• Designed and developed over numerous websites and web apps, increasing client business inquiries by an average of 20%.• Customized WordPress themes and plugins to meet specific client needs, resulting in a 15% increase in client satisfaction.• Deployed and maintained websites using cPanel, FTP, and Git, ensuring 99% uptime for client sites.
2018 – 2018 Nairobi, Kenya	Intern, Radio Africa Group Ltd. <ul style="list-style-type: none">• Supported IT department activities, including installing and troubleshooting VoIP systems and managing biometric access systems.• Automated departmental reports using PHP scripts and Linux cron jobs, saving 10 hours per week of manual report generation for the IT department.• Developed an in-house radio promotion tracking application using LAMP stack, increasing promotion tracking efficiency by 35%.

Skills

Frontend

JavaScript, Typescript, Angular, React, React Native, Capacitor, Jest

Backend

NodeJS, NestJS, Redis, PostgreSQL, Convex, Supabase, Firebase, AWS

DevOps

Terraform, Docker, Kubernetes, Helm, ArgoCD, Github Actions

Tools

Git, Jira, Confluence, Slack

Education

Nairobi, Kenya

Bachelor of Science, Computer Science, Kenyatta University

Certificates

Ionic - Build iOS, Android & Web Apps with Ionic & Angular [↗](#)

Udemy

Modern Web Design [↗](#)

Gymnasium

Programmable Logic Controllers

Centurion Systems Ltd.

IBM DB2 - Academic Associate

IBM

Python for Data Science [↗](#)

Data Camp

Languages

English

Fluent

Kiswahili

Native

Agikuyu

Native

Interests

- Music Production
- Machine Learning
- Body building
- Data Science

References

Tom Musau, ICT Manager, Radio Africa Group Ltd.
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Rachel Mbogo, Founder, Thriving Supermama
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Daniel Mburu, Co-founder & CTO, Bingwa Services
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