Harry Ngugi

Software Developer

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Professional Summary

Results-driven Software Developer with 4+ years of experience building scalable web applications and mobile solutions. Proficient in full-stack development with expertise in modern JavaScript frameworks, cloud technologies, and agile methodologies. Strong problem-solver with a passion for writing clean, maintainable code and delivering user-centric solutions.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, HTML5, CSS3, SQL
Frontend: React, Next.js, Vue.js, Tailwind CSS, Redux, Material-UI
Backend: Node.js, Express.js, Django, RESTful APIs, GraphQL
Databases: PostgreSQL, MongoDB, MySQL, Redis
Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD, GitHub Actions
Tools & Others: Git, Webpack, Jest, Postman, Figma, Agile/Scrum

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Professional Experience

Senior Software Developer

TechSolutions Kenya Ltd. | Nairobi, Kenya | *January 2022 - Present*

- Architected and developed a customer portal serving 50,000+ users using React and Node.js, improving user engagement by 40%

- Led a team of 4 developers in implementing microservices architecture, reducing system downtime by 60%

- Optimized database queries and implemented caching strategies, resulting in 35% faster page load times

- Collaborated with product managers and designers to translate business requirements into technical specifications

- Mentored junior developers through code reviews and pair programming sessions

Full Stack Developer

Digital Innovations Hub | Nairobi, Kenya | *March 2020 - December 2021*

- Built and maintained 8+ web applications for clients across fintech, e-commerce, and healthcare sectors

- Developed RESTful APIs using Express.js and integrated third-party services including M-Pesa payment gateway

- Implemented responsive frontend designs using React and Tailwind CSS, ensuring cross-browser compatibility

- Set up automated testing pipelines using Jest and Cypress, achieving 85% code coverage

- Reduced bug reports by 45% through implementation of comprehensive error handling and logging

Junior Software Developer

StartupTech Africa | Nairobi, Kenya | *June 2019 - February 2020*

- Contributed to development of an e-learning platform used by 10,000+ students across East Africa

- Developed reusable React components and integrated with backend APIs

- Participated in agile sprints, daily standups, and retrospectives

- Fixed bugs and implemented feature requests based on user feedback

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Projects

AgriConnect Platform

Personal Project | 2024

Full-stack marketplace connecting farmers directly with consumers, featuring real-time inventory management and mobile money integration.

- **Technologies:** React, Node.js, MongoDB, AWS S3, M-Pesa API

- **Impact:** Currently serving 500+ users with 95% positive feedback rating

- GitHub | Live Demo

TaskFlow - Project Management Tool

Open Source Contribution | 2023

Contributed to an open-source project management tool with focus on team collaboration features.

- **Technologies:** Next.js, TypeScript, PostgreSQL, Docker

- **Contributions:** Implemented real-time notifications system and drag-and-drop task boards

- GitHub

Education

Bachelor of Science in Computer Science
University of Nairobi | Nairobi, Kenya | *2015 - 2019*
Second Class Honors (Upper Division)

Certifications

- AWS Certified Developer - Associate | Amazon Web Services | 2023

- Professional Scrum Master I (PSM I) | Scrum.org | 2022

- React - The Complete Guide | Udemy | 2021

Languages

- English (Fluent)

- Swahili (Native)

Additional Information

- Active contributor to local tech communities including Nairobi JavaScript Community

- Regular speaker at tech meetups on topics including modern web development and cloud architecture

- Passionate about using technology to solve real-world problems in emerging markets