Mark Kimathi

Fullstack Software Engineer

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- I'm a full-stack software developer with 2+ years of experience, including expertise in cybersecurity, delivering scalable and secure solutions across fintech, e-commerce, ERP, and supply chain systems. Skilled in React, Node.js, and secure coding practices, I build high-performance, user-friendly applications that drive efficiency and security. Proven ability to optimize systems, enhance security, and lead cross-functional teams to successful product launches. Ready to build, secure, and scale your next big idea.

Work Experience

Mautamu Delivery App

nairobi • 01/2024 - Present

Frontend developer(UI/UX)

Ubunifu college

Kenya • 01/2024 - 01/2025

Programming Tutor

- Taught frontend and backend web development (JavaScript/Node.js, PHP, Laravel, Python, React.js), achieving a 90 student satisfaction rate and a 75 course completion rate.
- Administered assessments and personalized instruction, using coding exercises and projects to improve student proficiency by 40 as shown in pre- and post-course evaluations.
- Facilitated group discussions, coding challenges, and projects, boosting student engagement by 50 and leading 80 of students to report improved collaboration skills.
- Provided one-on-one mentorship on industry standards (Git, debugging, testing) and updated the curriculum with current tools, leading to a 60 increase in students securing internships or jobs within three months.

Skills

- JavaScript
- TypeScript
- Node.js
- Python
- Express
- React
- React Native
- PostgreSQL
- MongoDB
- RESTful API's
- GraphQL
- Redis
- RabbitMQ
- Jest
- Microservices
- Containerization
- Git
- Bitbucket
- CI/CD pipelines
- AWS
- WebSockets
- OAuth
- JWT Authentication
- Nginx
- Apache
- Agile methodologies
- CI
- CD
- Scalable solutions
- Efficiency improvement
- Scalable backend architecture
- Team leadership
- Cross-functional collaboration
- Project management
- User experience optimization

Nathan Digital

Nairobi, Kenya • 02/2024 - 06/2024

Backend Developer

- Led backend development for ERP, Payroll, accounting, and supply chain management systems, improving system efficiency by 20 and reducing development time by 30 through optimization of workflows.
- Guided and mentored junior developers, providing technical support and code reviews, resulting in a 30 improvement in team productivity and a 25 reduction in onboarding time for new developers.
- Worked with frontend, UI/UX teams, and Project Managers to launch new features on time, enhancing stakeholder satisfaction.
- Engineered scalable, secure backend architecture, optimizing performance to support 6,000+ concurrent users and reducing response times by 50, ultimately enhancing user experience.
- Utilized agile methodologies to manage project workflows, ensuring timely delivery of features with a 95 on-time completion rate for monthly sprints, and improving team communication and efficiency.

Mwendantu Farms

Kenya • 03/2023 - 01/2024

Fullstack Developer

- Developed inventory management system, improving efficiency by 30 and reducing errors by 40.
- Established an integrated employee management system, reducing administrative workload by 30 and boosting task completion rates by 25.
- Built automated reporting for milk production, herd health, and inventory, leading to a 15 increase in production efficiency and a 20 reduction in inventory costs.
- Designed an intuitive interface, reducing user errors by 40 and boosting satisfaction ratings by 50.
- Used Laravel for the backend, HTML/CSS for the frontend, and SQLite for database management, improving data retrieval times by 30.
- Optimized performance with Laravel's caching and query features, reducing page load times by 60.

- Agile practices
- Task management
- Stakeholder management
- Code reviews
- Technical support
- Frontend development
- Backend development
- Database management
- Continuous integration
- Deployment processes
- Automated testing
- API documentation
- SDLC
- Caching techniques
- Code quality assurance
- Documentation
- Performance optimization
- Unit testing
- Integration scripts
- Deployment scripts
- Architectural decisions
- Performance improvement
- Inventory management
- Employee management
- Automated reporting
- Interface design
- Data retrieval optimization
- Page load time optimization
- Mentorship
- Curriculum development
- Assessment administration
- Instruction personalization
- Group facilitation
- Coding challenges
- Project-based learning
- Industry standards
- Hackathons
- Open-source contributions
- AI
- Machine learning
- Competitive programming
- Cybersecurity challenges

Adanian Labs

Nairobi, Kenya • 04/2023 - 12/2023

Backend Developer

- Spearheaded a project from inception to production and helping the platform gain over 10k active users while overseeing the growth of the development team.
- Developed scalable web applications using Node.js, Express, and MongoDB and introduced caching techniques that cut database query times by 40, significantly boosting user experience.
- Played a key role in the entire SDLC, from planning to post-launch support, and streamlined CI/CD processes, boosting team productivity by 25 and reducing time-to-market for new features by 15.
- Refined continuous integration (CI) and deployment processes by automating and updating integration/deployment scripts reducing deployment times from 45 min to 15 min.
- Collaborated with cross-functional teams, made architectural decisions, and contributed to code reviews, reducing critical bugs by 50 and improving performance by 20.

Certifications

Junior Blockchain Developer

Africa Blockchain Center

Cisco - CCNA

Africa advanced level Telecommunications Institute

Fullstack software developer

Ubunifu college

cybersecurity analyst

KCA UNIVERSITY

Education

Bachelor of applied computing in Majors: Cybersecurity and forensics

KCA University

Fullstack software development

UBUNIFU COLLEGE