ANDERSON MITAMBO MWANGI

Junior Full Stack Developer

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 3+ years of hands-on experience in developing, testing, and maintaining secure front-end and back-end systems. Proven track record of building scalable web applications using modern JavaScript frameworks, Python web frameworks, and implementing secure software development practices. Successfully delivered 15+ client projects with measurable impact, including enterprise-level applications that reduced operational costs by up to 70%. Strong problem-solving abilities with excellent communication skills and experience in debugging production environments.

KEY SKILLS

Technical Skills:

Frontend Development Backend Development Database & Caching HTML5, CSS3, JavaScript Node.js, Express.js MongoDB, PostgreSQL React.js, Vue.js, Next.js Python, FastAPI Redis Caching TypeScript, Responsive Design Flask, Django Database Optimization

Security & Testing DevOps & Tools API Development Secure Development Principles Git, GitHub, Docker RESTful APIs Authentication Systems CI/CD Pipelines GraphQL Data Encryption, Debugging Version Control API Integration

Soft Skills:

Problem-Solving Communication Quality & Process Analytical Thinking Teamwork Abilities Attention to Detail Technical Troubleshooting Documentation Skills Code Quality Standards Production Issue Resolution Customer-Focused Approach Agile Methodologies

WORK EXPERIENCE

Freelance Full Stack Developer
Self-Employed, Nairobi, Kenya | Jan 2025 – Present

- Develop and maintain secure, always-on web applications for 15+ clients, generating average revenue increases of KES 300,000+
- Debug and troubleshoot production environment issues, implementing timely technical fixes
- Build responsive user interfaces using React.js, Vue.js, and modern CSS frameworks with cross-browser compatibility
- Implement secure authentication systems and role-based access controls following security best practices

- Write comprehensive unit tests and support quality assurance processes for high-quality deliverables
- Design optimized database schemas improving query performance by 40%

Junior Full Stack Developer
Bakari Ventures, Nairobi, Kenya | Oct 2024 – Jan 2025

- Led development and testing of 3 enterprise-level applications, reducing manual workload by 70%
- Debugged and resolved production issues while maintaining system uptime and performance
- Optimized backend APIs using Node.js and Express.js, achieving 50% improvement in response times
- Implemented Redis caching solutions and database optimization, accelerating load speeds by 40%
- Enhanced system security through robust authentication measures and access controls
- Contributed to software engineering process improvements and coding standards

IT Intern – Digital Systems & Database Management
Office of the Registrar of Political Parties (ORPP), Nairobi, Kenya | Jan 2024 – Sep 2024

- Contributed to RegisVault development, a secure digital file management system processing 100,000+ documents
- Developed automated data validation scripts reducing manual processing by 30%
- Participated in system testing and quality assurance processes ensuring application stability
- Collaborated on performance enhancements decreasing document retrieval time from days to seconds

IT Intern – Legal Information Systems
Kenya Law, Nairobi, Kenya | Sep 2023 – Jan 2024

- Optimized database systems and improved search functionality, reducing query time by 40%
- Developed document management solutions enhancing system organization and compliance
- Conducted comprehensive system testing, debugging, and implemented fixes for improved stability

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KEY PROJECTS

BookWise - University Library Management System
Soma Library | Live Demo

- Developed comprehensive library management system using React.js, Next.js, and TypeScript
- Implemented secure user authentication and role-based access control systems
- Created automated testing suite ensuring system reliability and performance
- Reduced book processing time by 75% while increasing student engagement by 40%

RegisVault - Digital File Management System
Office of the Registrar of Political Parties | Live Demo

- Built secure document management platform with OCR capabilities using React.js and TypeScript
- Implemented advanced security measures including data encryption and access controls
- Developed comprehensive search functionality with optimized database queries
- Achieved 35% reduction in operational costs while improving regulatory compliance

LaundryBasket - E-commerce Platform
Cleanex Laundry Services | Live Demo

- Developed full-stack marketplace using React.js, PostgreSQL, and Docker deployment
- Implemented secure payment processing and real-time order tracking systems
- Built comprehensive testing suite and debugging tools for production monitoring
- Increased vendor revenue by 65% processing 5,000+ orders in first operational year

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EDUCATION & CERTIFICATIONS

- **Bachelor of Science in Information Technology**
  Jomo Kenyatta University of Agriculture and Technology (JKUAT), 2025
- **Junior Cybersecurity Certificate**
  Cisco Networking Academy, 2024
- **Cisco CyberOps Certificate**
  Cisco Networking Academy, 2025
- **Python for Data Science Certificate**
  IBM, 2024
- **IBM Data Engineering Certificate**
  IBM, 2024
- **ALX Backend Development Course**
  ALX (Ongoing)

REFERENCES

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