

ISAAC BARONGO OKEYO

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PROFESSIONAL SUMMARY

I am an experienced software developer with expertise in designing and optimising scalable software solutions. I am a skilled developer of backend and frontend applications, cloud technologies, and DevOps. Passionate about clean code, best development practices, and performance optimization.

WORK HISTORY

Backend Engineer Mar 2024- Mar 2025

Telkom Kenya

- Designed and developed cloud-native backend services using Java and Node.js on AWS, improving system scalability and fault tolerance by 30%.
- Optimized software code for performance, security, and scalability, enhancing efficiency by 25% using best practices and modern frameworks.
- Contributed to Agile ceremonies and worked in cross-functional teams to deliver regular iterations and maintain production stability.
- Integrated external services, including payment gateways and SMS APIs, for automated workflows.

Software Developer Dec 2022 – Dec 2023

Kenya Revenue Authority

- Led the development of RESTful APIs and microservices using Java and Node.js, resulting in seamless cross-system communication and a 10% gain in process efficiency.
- Designed, developed, and maintained APIs, ensuring seamless integration and efficient communication between software applications and systems, optimizing operations by 10%.
- Conducted performance and testing and optimization of microservices, resulting in a 20% increase in response times.
- Participated in cross-functional agile teams, contributing to support and maintenance sprints.

IT Specialist Feb 2022 - Aug 2022

Kenyatta International Convention Centre

- Conducted root cause analysis on software and network issues, improving system stability by 25%
- Provided technical support to over 100 employees, troubleshooting hardware, software, and network-related issues.
- Assisted in managing on-premises server infrastructure, performing system updates, and enforcing user access controls.

EDUCATION AND CERTIFICATIONS

BSC. COMPUTER TECHNOLOGY: MERU UNIVERSITY 2017- 2022

- Second Class Honors (Upper Division)

CERTIFICATIONS:

- Kubernetes and Cloud Native Associate (2025)
- OCI DevOps Professional (2023)
- Prince2 Foundation and Practitioner (2023)

TECHNICAL SKILLS AND COMPETENCES

- Frontend Technology: JavaScript, TypeScript, React.js, Next.js.
- Backend Technology: Node.js, Python, PHP, Java.
- Databases: MySQL, MongoDB, Oracle, SQLServer, PostgreSQL.
- Docker and Kubernetes.
- Cloud Computing: AWS, GCP.