

BENSON MUKUHA NGATIA

Full Stack Software Engineer

Nairobi, Kenya

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PROFESSIONAL SUMMARY

Results-driven **Full Stack Software Engineer** with a strong academic foundation in Mathematics and Computer Science and hands-on experience designing, developing, and maintaining responsive web applications. Skilled in JavaScript, React, Typescript, HTML, CSS, RESTful & graphQL API integration, SQL databases, and Git-based version control. Experienced working in ERP-supported environments, institutional ICT systems, and collaborative Agile-style teams. Passionate about building secure, scalable, and user-centered software solutions.

TECHNICAL SKILLS

Frontend Development

- HTML5, CSS3, Bootstrap
- JavaScript, React
- Responsive UI/UX Design

Backend & Databases

- RESTful APIs integration
- SQL, MySQL (MySQL Workbench & PostgreSQL)
- Node.js, Express & Typescript

Tools & Practices

- Git & GitLab
- Debugging, testing, and performance optimization
- Technical documentation & user guides

Cloud & DevOps (Foundational)

- Oracle Cloud Infrastructure
- CI/CD concepts
- Deployment support

PROFESSIONAL EXPERIENCE

Software Developer – Oracle ERP Digital Solutions Project

Digital Solutions – Oracle ERP Ltd | Nairobi, Kenya

June 2025 – September 2025

- Designed and developed a responsive e-commerce web application using HTML, CSS, and JavaScript aligned with enterprise business workflows.
- Implemented frontend interfaces integrated with backend RESTful APIs within an Oracle ERP-supported environment.
- Collaborated with backend developers and system analysts to ensure secure and efficient data exchange.
- Applied UI/UX best practices to enhance usability, accessibility, and cross-device compatibility.
- Used Git-based version control for collaborative development and source code management.
- Participated in testing, debugging, performance optimization, deployment, and post deployment support.

ICT Lecturer & Systems Support

Machakos Hospitality & Technical Institute | Machakos, Kenya

May 2024 – December 2024

- Delivered ICT curriculum including Object-Oriented Programming, Web Development, Statistics, and Mathematics.
- Supervised student software and ICT capstone projects, guiding practical application of programming concepts.
- Provided ICT systems support including troubleshooting, software updates, and laboratory management.
- Mentored learners on project planning, debugging, and documentation.
- Collaborated with academic and administrative teams to streamline ICT operations.

ICT Attaché

Machakos Law Courts – ICT Directorate | Machakos, Kenya

January 2023 – May 2023

- Supported LAN setup, configuration, and troubleshooting.
- Assisted with computer installation, OS configuration, and routine system maintenance.

- Provided first-level support for software, printing, and network issues.
- Supported integration of court systems to main network infrastructure, improving reliability of virtual court sessions.

PROJECTS

E-commerce Web Application <https://marketplace-ngatia.vercel.app/>

- Developed a full-featured responsive web application using HTML, CSS, JavaScript, and RESTful APIs.
- Implemented product listings, user interaction flows, and secure data handling. Used Git for version control and collaborative development.

Outdoor Adventure & Gear Website <https://outdoor-1.onrender.com/>

- Developed a responsive website showcasing outdoor adventures and gear using modern web technologies.
- Implemented dynamic content rendering, intuitive navigation, and user-friendly interaction flows.
- Integrated backend services and APIs to manage data efficiently and support scalable application functionality while supporting online payments.
- Applied version control with Git to manage codebase and maintain development best practices.

EDUCATION

Bachelor of Science in Mathematics and Computer Science

Machakos University | Kenya

September 2019 – December 2024

CERTIFICATIONS & TRAINING

- Oracle Cloud Infrastructure – Oracle University (2025)
- JavaScript Essentials – Cisco NetAcad (2025)
- Networking Essentials – Cisco NetAcad / ICT Authority Kenya (2025)
- IBM Data Science – Coursera (2023)
- AICE – ALX Academy (2024)
- CBET Training – Machakos Hospitality & Technical Institute (2024)

COMMUNITY & FIELD EXPERIENCE

- National Census Enumerator (2019)
- Huduma Number Registration Supervisor (2019)
- ESR Enumerator (2024)
- SHA Enumerator (2024)
- Compassion International Kenya – CDC Programs (2025)

REFEREES

Contact me for referees.