

CONTACT

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PROFESSIONAL SUMMARY

Results-driven Software Engineer specializing in designing, building, and optimizing scalable applications. With experience across front-end, back-end, and database systems, I focus on creating efficient, user-friendly, and secure solutions. I enjoy solving complex problems, collaborating with teams, and leveraging modern technologies to deliver impactful software.

- EXPERIENCE

DATA SCIENCE TRAINEE | 2025

Oracle

- Gained hands-on experience with Oracle technologies, focusing on cloud platforms, databases, and modern software engineering practices.
  - Assisted in developing and optimizing applications while applying clean code and performance best practices.
  - Supported technical documentation and collaborative project work, strengthening problem-solving and teamwork skills.

SOFTWARE DEVELOPER INTERN | May 2023 – August 2023

Powerlearn ,Nairobi, Kenya

- Assisted in building and maintaining web applications, contributing to both front-end and back-end development tasks.
  - Implemented debugging and testing procedures to improve code reliability and application performance.
  - Supported project documentation and collaborated with senior developers to deliver scalable solutions.

EDUCATION

KIRINYAGA UNIVERSITY | 2021-2025

Bachelor of Science in Software Engineering

- TECHNICAL &RESEARCH SKILLS

- Programming & Frameworks: JavaScript (ES6+), HTML5, CSS3, React.js, Node.js, Express.js, MongoDB (MERN Stack)
  - Databases & Cloud: MySQL, Oracle Cloud Infrastructure, Firebase, MongoDB Atlas
  - Tools & Platforms: Git/GitHub, Docker, Postman, Vite, RESTful API development
  - Software Engineering Practices: Agile methodologies, version control, debugging, testing, and performance optimization
  - Research Skills: Technical documentation, problem-solving, literature review, and collaborative project reporting
  - Testing: Load, Stress testing (using k6).

## PROJECTS

### AUTOMATED SEAT RESERVATION SYSTEM | January 2025 – March-2025

- Built a web-based seat reservation system for public service vehicles, enabling users to view, select, and book seats in real time. Integrated M-Pesa Daraja API for seamless mobile payments and used mapping logic to visually represent available and booked seats.

### E-SHOP ECOMMERCE WEBSITE | April -2025

- Built a full-stack e-commerce website with product browsing, cart management, and secure checkout functionality. Implemented authentication, order processing, and an admin dashboard for managing products and customers. Developed using React, Node.js, Express, and MongoDB, and integrated Stripe API for secure online payments.
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## CERTIFICATIONS

- Race to certification-Oracle | July-2025
  - Powerlearn project -April-2024
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## COMMUNITY INVOLVEMENT

### Web Development Lead– Computer Society of Kirinyaga | April 2024 – March2025

- Engaged in a community of 60+ web development students, attending sessions on web technologies and career development while collaborating and sharing knowledge with peers.