DERICK MALOBA

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Software and DevOps Engineer with hands-on experience in full-stack web development using JavaScript, React.js, Node.js, Python, MySQL, and MongoDB. Passionate about building scalable, user-friendly applications and implementing efficient CI/CD pipelines. Experienced in collaborating within agile development environments, integrating REST APIs, implementing payment gateways, managing deployments, and utilizing version control systems for streamlined development workflows.

TECHNICAL SKILLS

- Programming Languages: JavaScript, SQL, C++
- Frontend Development: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend Development: Node.js, Express.js, Python
- Databases: MySQL, MongoDB
- API Development & Integration: REST APIs, JWT Authentication, M-Pesa Daraja API, Credit Card API
- Real-time Communication: Socket.io
- Version Control: Git, GitHub
- Cloud & Deployment: Docker (Basic), AWS
- Kubernetes

EDUCATION

Bachelor of Science in Information Technology

University of Eldoret

PROJECTS

Real Estate Web Platform

- Developed a full-stack web application for property listings and management using **React.js, Node.js, MongoDB**.
- Implemented **JWT authentication** for secure access.
- Integrated **Google Maps API** for property location visualization.

E-Commerce Web Application (Client Project)

- Built a scalable e-commerce platform using **React.js, Node.js, MySQL**.
- Integrated **M-Pesa Daraja API** and **credit card payment gateways**.
- Implemented **real-time chat functionality** using **Socket.io**.

Nutrition Tracking App

- Designed a **meal logging system** with personalized nutrition recommendations.
- Utilized **MongoDB** for storing user dietary preferences and meal history.
- Developed a **responsive UI** with **Tailwind CSS**.

WORK EXPERIENCE

Software Development Attaché

AMPATH (Attachment Program) | [May-2024] – [August-2024]

- Gained hands-on experience in **React.js, Node.js, and MongoDB**.
- Learned and applied **Docker** for system deployment.
- Contributed to **OpenMRS EMR system** using APIs for healthcare data management.

SOFT SKILLS

- Problem-solving & critical thinking
- Adaptability & eagerness to learn
- Collaboration & teamwork
- Effective communication
- Time management

EXTRACURRICULAR ACTIVITIES

- Active contributor to open-source projects on GitHub.
- Member of the **University of Eldoret IT Club**.
- Participated in hackathons and coding challenges.

REFERENCES

Enoch Rugut: software Engineering Director AMPATH   erugut@ampath.or.ke

Dr. Kitur Philemon: Lecturer University of Eldoret +254 724 591726