PETER OENGA
SOFTWARE ENGINEER

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PROFILE

I am an experienced software developer with 2 years of expertise in backend and frontend technologies. I am highly adaptable and eager to leverage my skills in new opportunities while continuing to grow professionally.

SKILLS

Languages: Python, JavaScript, Kotlin , Java
Frameworks: Django, React, KMM, Spring boot
Databases: MySQL, PostgreSQL, SQLite,
Deployment: Docker
Version control: Git and GitHub

EXPERIENCE

Fullstack Software Developer Janja Programmers Mombasa January 2024 – Present
- Build efficient REST and WebSocket APIs, integrating Daraja API for seamless Django and React applications.
- Collaborate with a team to integrate frontend and backend for a seamless user experience
- Developing cross-platform mobile apps with engaging UIs and seamless backend integration.

Technical Trainer Institute of Advanced Technology (IAT) Mombasa April 2024 – Present
- Deliver training on advanced web technologies, machine learning and deep learning concepts
- Conduct practical sessions and hands-on labs to enhance learning and of complex concepts

Software Engineer Smart City Nairobi, July 2023 – Dec 2023
- Managed the full software development lifecycle of a variety of projects icluding the Biashara fund, from requirements gathering, coding, testing and deployment.
- Added FCM push notifications for SMS alerts to improve web application functionality.
- Developed backend services using Spring Boot to improve performance and scalability

USAID - 04/2023 to 07/2023
- Contributed to developing a health referral system with React.js as part of the KenyaEMR project, enhancing user experience
- Boosted security and performance by optimizing legacy modules and integrating React.js
- Reduced production bugs by 60% through rigorous testing and debugging.

FREELANCE - 12/11/2021 to 06/06/2022
- Integrated diverse technologies, including KMM and JavaScript, to streamline development processes and ensure timely project delivery.
- Built the OSL Matching Engine with Java and SMS messaging services for efficient communication
- Created Organiks for farming records using KMM

EDUCATION
Technical University of Mombasa Sept 2020 - April 2024
Bachelor of Science Mathematics and Computer Science