

**PETER OENGA**  
**SOFTWARE ENGINEER**

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**PROFILE**

I have worked as a software engineer for more than 2 years while mastering backend and frontend technologies. My adaptability along with my desire to apply my capabilities helps me seek new opportunities for growth in my professional development.

**SKILLS**

**Languages:** Python, R Programming

**Frameworks:** Django, React, Flutter

**Databases:** MySQL, PostgreSQL, SQLite,

**Deployment:** Docker, AWS

**Technical Training:** Devops, Data Engineering, Software engineering, Machine Learning

**Visualization:** Tableau, Power BI

**EXPERIENCE**

**Fullstack Software Developer Janja Programmers January 2024 – Present**

- Build efficient REST and WebSocket APIs by implementing the Daraja API to achieve Django and React integration.
- Collaborate together with team members to unify frontend systems with backend operations which leads to better user interaction.
- Developing mobile apps which connect multiple platforms as well as design user interfaces that unite frontend functionality with back-end operations.

**Technical Trainer Institute of Advanced Technology (IAT) Mombasa April 2024 – Dec 2024**

- Designed a curriculum that was used for training Cybersecurity, Machine Learning and web development
- Delivered training for advanced web technologies along with machine learning and deep learning concepts is part of the responsibilities.
- Conducted practical sessions and hands-on activities which help students gain proficiency in difficult subjects.

**Software Engineer Smart City Nairobi, July 2023 – Dec 2023**

- I handled the total lifecycle of Biashara Fund projects by building frontend features with ReactJS along with using Redux for state handling.
- Integrated Redux for efficient state management, improving web app performance and user experience.
- Developed frontend features in ReactJS, optimizing scalability and performance across applications.

**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
- Reduced production bugs by 60% through rigorous testing and debugging.

**FREELANCE - 12/11/2021 to 06/06/2022**

- Developed mobile applications using Flutter resulted in high-performing and scalable solutions adapted for low-bandwidth environmental conditions.
- Implemented efficient data upload features to support intermittent network connectivity.

**EDUCATION****Technical University of Mombasa Sept 2020 - August 2024**

Bachelor of Science Mathematics and Computer Science