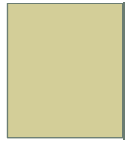


CARSON OMWENGA RATEMO

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Objectives

Passionate and dedicated software engineer with a strong focus on backend development and mobile development. Committed to innovation, simplifying complex concepts and inspiring the next generation of technology enthusiasts.

Experience

Software Engineer ▪ 12/05/2024 - present

Freelance

- Developing back ends of web apps and mobile apps using Django
- Designing and building android mobile applications: focusing on user centric designs and functional apps

Software Engineer Intern ▪ 12/05/2023 – 01/08/2023

Institute of Energy Studies and Research - KPLC

- Network Maintenance: collaborated with coworkers in optimizing the network infrastructure of the organization
- Computers Maintenance: undertook weekly maintenance of office computers and network infrastructure
- Mentoring and lab supervision: supervised students on their projects and exams
- Software Troubleshooting: provided troubleshooting operations on company's staff

Skills

- Web Development: Django backend, RESTful APIs, Django rest, React
- Mobile Development: UI/UX design, jetpack components, Room DB, Navigation, MVVM architecture
- Programming languages: Python, Kotlin, JavaScript, C++, CSS, HTML
- Others: Machine Learning with ScikitLearn
- Database and Cloud: MySQL, PostgreSQL, GCP, firebase, Supabase
- Version Control: GitHub
- Soft Skills: Communication, patience, adaptability and team collaboration

Education and Certification

Education

Kisii University

19/12/2024 ▪ Bachelor of Science in Software Engineering

Alliance High School
01/12/2019 ▪ KCSE Certificate

Korinyang' Primary School
20/11/2015 ▪ KCPE Certificate

Certification

HP Life
2/5/2025 ▪ Data Science and Analytics

References

- **Luis Biko** – Information Technology Officer,
Institute of Energy Studies and Research, luisbiko@gmail.com
- **Dr. Ronald Tombe, PhD** – Lecturer,
Kisii University, +254710791596