OGOLA SOSPETER OKONGO
Professionally driven, Academically Empowered.
P.O. BOX 264-40300
Mobile: +254795398253/ +254 762124139
Email: ogolasospeter62@gmail.com

I am a Born-Again Christian, with a testimony of God's saving grace from the 23-12-2017.

PROFESSIONAL PROFILE

I'm a highly motivated Software Developer and Engineer with hands-on experience in backend development, database management, and troubleshooting IT systems. Skilled in Python, MySQL, and databases, amongst other technical skills, with a strong passion for problem-solving and optimization of technology solutions, with an aim of applying my technical knowledge to real world projects, skills enhancement, and contributing to innovative IT solutions. I also possess strong leadership and research skills.

EDUCATION BACKGROUND

❖ **Bachelor's Degree in Computer Technology**
Jomo Kenyatta University of Agriculture and Technology
September 2021 – May 2025

❖ **Kenya Certificate of Secondary Education (KCSE)**
Homa Bay High School
Feb 2016 – Nov 2019 ‖ Attained Grade: A- [75Points]

TECHNICAL SKILLS:

- ❖ Backend & API Development
- ❖ Git & GitHub for Collaboration and version control
- ❖ Proficient in Python, MySQL, git, and GitHub, showcasing mastery in backend web development using the Flask Framework and frontend development with the Bootstrap Framework
- ❖ Proficient in SQL, JSON, RESTAPI
- ❖ Intermediate proficiency in JavaScript, complemented by a solid foundation in web languages such as HTML and CSS
- ❖ Flutter for Android App Development
- ❖ Comprehensive understanding and mastery of RESTful API design
- ❖ Microsoft Azure Certified with a focus on Azure Fundamentals
- ❖ Business Research & Market Analysis
- ❖ Product Design

WORK EXPERIENCE:

1. **Intern, Digital Financial Services**
   KCB Kenya Limited (May *2024 – August 2024*)

Interned at the KCB Kenya Limited, under the Digital Financial Services, with a focus on the Product Development.

- ❖ Designed APIs for the frontend applications communication with the backend systems.

- ❖ Conducted quality assurance testing and data protection compliance analysis on the new products that were in the pipeline for rollouts.
- ❖ Conducted an extensive technical documentation on the various phases and components of the developments.
- ❖ Conducted comprehensive market research to identify customer needs, market trends, and competitive landscape to inform product development strategies.
- ❖ Collaborated with cross-functional teams to design and develop new digital financial products and services, ensuring they meet customer requirements and regulatory standards.
- ❖ Undertook compliance and risk management in ensuring that all digital financial products comply with regulatory requirements and internal policies and managing any associated risks.
- ❖ Provided support to customer service teams to resolve any issues related to digital financial products and gather customer feedback for further improvements.

2. **Remote Extern**
   National Research Group (April *2024 – May 2024)*
Worked as a National Research Group Remote Extern with the following responsibilities:
- ❖ Conducted in-depth research on policy influencers, assessing their impact on industry regulations and market trends.
- ❖ Identified and profiled key market players, policymakers, and industry leaders, mapping their influence on investment landscapes.
- ❖ Analyzed economic and regulatory frameworks, synthesizing findings into strategic insights for data-driven decision-making.
- ❖ Evaluated emerging industry trends and investment risks, contributing to informed financial and business strategies.
- ❖ Collaborated with a multidisciplinary team to develop comprehensive reports, refining my ability to communicate complex data effectively.
- ❖ Researched the role of policy influencers in shaping industry guidelines and societal expectations.
- ❖ Identified and profiled key influencers affecting operational sectors, synthesizing findings for strategic insights.

PROFESSIONAL CERTIFICATIONS
- ❖ Software Development Certified by Power Learn Project (Dec 2024-Present)
- ❖ Aspire Leaders Program Certified (Nov 2024-Present)
- ❖ ALX Software Engineering Certified (June 2023 - Present)
- ❖ Microsoft Azure Certified (AZ-900)
- ❖ Microsoft Learn Student Ambassador (October 2023 – December 2024)

PROJECTS:
- ❖ (Jan 2025 – May 2025) Collaborating with a team of 3 to develop a Smart Tech Farm Application integrating Natural Language Processing, Internet of Things and Machine Learning for tomato crop health monitoring and disease detection.
- ❖ Designed and developed the Expense Tracker which is a Kotlin app for tracking financial inflows and outflows.
- ❖ (Feb,2024 – April,2024) Developed a Home and Office Movers Project which is a web Application in a team of 4. Handled the backend.

- ❖ Led the development of the entire backend for an election system as part of a school project (Dec 2023).
- ❖ Collaborated with a team of five to create an Election Web Application (Nov 2023).
- ❖ Engineered a Boutique Android App in August 2023, which included advanced UI/UX elements with an aim of increasing user engagement by 40% within the first month of launch.
- ❖ Collaborated in a team of three to build an In-Person Service Provider Web App during the ALX Certification Course (Feb - Mar 2023).
- ❖ Developed a customizable Recipe Website for the ALX last Sprint Project (May 2023).
- ❖ Worked on a School Management System in Python (May 2023).
- ❖ Utilized Kotlin for App Development in various projects.

LEADERSHIP AND COMMUNITY ENGAGEMENT

- ❖ Nov-Dec 2023: A team lead in the Campus Voter System school project for Year 3.1
- ❖ Oct 2023 – Nov 2024: Served as the Chairperson to NET MINISTRIES - JKUAT Chapter.
- ❖ Jan 2023 – Oct 2023: Served as the Chairperson to an instruments acquisition project committee in NETJKUAT[JKUATCU] and mobilized for about Kshs. 200,000.
- ❖ July 2022 – Oct 2023: Elected as the Organizing Secretary to NET- JKUAT [JKUATCU] for the 2023 spiritual Year.
- ❖ Jan 2022 – Apr 2022: Nominated as an Interim Organizing Secretary to NET- JKUAT [JKUATCU]
- ❖ Dec 2020 – Dec 2023: Elected Secretary to the Ogande Parish Youth Department – S. Nyanza Diocese.

AWARDS
- ❖ Academic Awards.
- ❖ Leadership Awards.
- ❖ Capacity and Team Building Training certification by Zoe Consultants Africa.

REFERENCES

Available upon request.