

# Angella Masitsa Obiero

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## PROFILE

A machine learning engineer fully dedicated to leveraging data, process, and technology to achieve desired results through creative and inclusive solutions. My experience within software development, Enterprise Architecture and Data Science has seen me stand out as a dependable professional. I am skilled in providing helpful analysis, problem solving, and cross-functional stakeholder support, bringing forth the ability to determine requirements specifications, and designing and developing solutions that optimise business processes. My passion is shipping technology products that deliver value end-to-end. I am therefore seeking a Machine Learning Engineer position to utilize my skills in developing models, analysing large datasets, and collaborating with cross-functional teams to drive business growth.

## SKILLS

### Soft Skills

- Requirements elicitation, validation, documentation, and tracking.
- Problem Solving.
- Cross functional collaboration.
- Ability to translate complex findings into understandable insights.
- Creative and innovative
- Continuous learning for self-improvement.

### Technical Skills

- Solution design - Architectural and UML flows.
- Data management, transformation, analysis & visualization.
- Proficiency in Python and JavaScript Programming languages.
- Proficiency in SQL and database management
- Conversance with Machine Learning algorithms, big data tools (Hadoop & Spark) and deep learning frameworks like TensorFlow or PyTorch.
- Familiarity with cloud platforms like Google Cloud and Azure

## WORK EXPERIENCE

### ***IT Business Analyst at KCB Group, Nairobi (KE)***

***Nov 2022 – Present***

*Lead business analyst of the technology systems focusing on Robotics Process Automation, partnerships and open banking (mobile channels), and enterprise integrations (corporate payments and trade).*

- Collaborate within cross-functional agile teams to discover, analyse, and reengineer business processes and system applications which ensure the attainment of maximum efficiency.
- Lead market, social and user research to elicit requirements ensuring 100% understanding of business needs for the designing of feasible, complete, and unambiguous use cases to target technical delivery effort.
- Scope and prioritise requirements based on business value, minimising revenue leakages while mobilising increase in deposits through digital financial solutions and enterprise integrations.
- Develop Business Requirements Documents and detailed Solution Design Documents from analysis done to communicate new products' functional and technical requirements to developers and other technical teams.
- Convene and facilitate requirements validation sessions with key stakeholders to test and verify the end product.

### ***IT Project Manager & Administrator at Fintech-Group, Nairobi (KE)***

***Feb 2021 – Oct 2022***

- Interfaced with key project stakeholders to plan requirements and outline product roadmaps that aligned teams to the same goal and drove project direction.
- Led teams staffed by 3 developers, 1 implementation & support engineer and 1 QA across different time zones, using agile towards 100% execution of 15 projects under 4 core products within time and budget constraints.
- Fulfilled staff competency development plan for the 11 products by developing product learning tools including presentation materials and user guides resulting in 35% reduction in product knowledge gap.
- Created executive reports outlining monthly operational KPIs for the 5 countries showing improvements on areas of concern.
- Worked with HR & Admin function to assess requirements for evolving staff leave management system ensuring 100% streamlined HR processes.

### ***Product Management Consultant at Agency 254, Nairobi (KE)***

***Apr 2019 – Jan 2021***

- Coordinated research activities for 4 SEO and social media management service packages improving clients' industry knowledge as reflected in the strategies created resulting in 100% stakeholder buy-in.
- Provided project management input to device development plans and control project issues throughout the products' lifecycles through close collaborations with diverse stakeholders ensuring impactful teamwork.
- Worked with small and medium sized businesses to continually identify and deliver over 10 scalable mobile and web applications resulting in about 25% revenue increase through cross-selling and referrals from customers.

## EDUCATION

***TOGAF Enterprise Architecture Training (Foundation & Practitioner; OGEA-103) Jan 2024 - Present***

- Core knowledge of enterprise architecture framework based on TOGAF Standard, 10th Edition; efficient implementation of architecture and essential information exchange across ADM phases.

***Azure Cloud (AZ-900), AZ-104 & AZ-305), MS Azure Trainings***

***Jun 2023- Jan 2024***

- Foundational knowledge on Azure Cloud, Azure Administrator and Designing Azure Infrastructure Solutions.

***Associate Cloud Engineer – Google Cloud, Google Africa Developer Scholarship***

***May 2022***

- Development of core cloud skills and establishment of best practices for cloud usage within an organization.

***Bachelor's in business information technology, Strathmore University (KE)***

***Jun 2016 - Dec 2020***

- 2019 - Participated in 4Africa WISE mentorship program by Microsoft. Presented my final year research project and awarded among top six best projects: [GitHub](#)
- 2017 – Presented my second-year research paper at the first Strathmore university research symposium under the *Healthcare innovations* category

<b>PROJECTS</b>
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***Machine Learning Engineer & Co-Founder, AHAB***

***Oct 2021 - Present***

AHAB is an upcoming wholesale and retail order management system that integrates conversational AI including processing speech recognition, Natural Language Processing, and image processing, allowing for tracking of orders made via channels like WhatsApp and SMS. Personal side project with a group of friends as the founding team therefore assume roles including technical product management, leading & building Machine Learning models.