

Antonio Gorbachev Oweki

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Profile

Nationality: Kenyan

Languages: English, Swahili

Professional Summary

I am a solutions-architect with over 5 years of experience designing, developing and managing edge-deployed IT facilities and assets. My experience provides a record of being adept in embedded software development and technical leadership with a knack for timely deliverables, attention to detail, and resource optimization. These are coupled with my strong work ethic and excellent time-management & collaborative skills.

Skills

- Embedded software development
- UI/UX Design & Front-end development
- Technical leadership
- Product Testing & Validation
- Data analysis & Reporting
- User / Market research
- Business Intelligence development
- Project Management

Tools

- Programming: C++, MERN stack
- Jira, ClickUp, Slack, Abstract
- Figma, Adobe XD, Sketch
- Adobe Creative Suite
- Git, Github, Heroku, AWS, Vercel
- Research methodologies
- Microsoft Office and Google Suite
- Microsoft BI and Google Analytics

Experience

Oct. 2022 - Present

IT Solutions Architect & Development Consultant

NLM Technologies & Andela

- Customizing and integrating security systems for individual deployment cases
- Testing cameras, access control systems & sensors; and integrating them into custom security solutions
- Troubleshooting and re-designing aggregate security systems and optimizing product functions.
- Visual design, branding and photography
- UI/UX design and implementation
- Technical mentorship and business development

Oct. 2019 – Dec. 2022

Lead Designer / Software engineer

eKRAAL Hub - Nairobi, Kenya

Design and Development of edge deployed systems:

- Led a team in designing and developing Leseni, a smart traffic monitoring system that later won at Konza Innovation Challenge 2021, thus securing an important piloting partner. - Created engaging digital content for branding and marketing purposes, increasing customer engagement and improving brand reputation.
- Developed analytics pipelines and business intelligence tools to inform product optimization while improving decision-making processes and driving overall growth and productivity.
- Designed dashboards and UI interfaces implemented in TRANSTAT Smart Traffic System, improving user experience and achieving product validity.
- Conducted thorough tests and validations on products/assets: including Unit, Integration, System, Acceptance, A/B, and Usability tests, resulting in delivering high-quality products to clients.

Technical mentorship:

- Spearheaded the 'Herd Project' initiative, facilitating knowledge sharing and mentorship within the Hub to promote the career growth of younger talent. - Developed a framework for community activities within the Hub, resulting in increased junior talent skill exposure and visibility. - Moderated *designfests*, *codefests*, and peer learning groups within the Hub while also participating in steering committees to ensure the success of these events.

May 2018 – May 2019

Business Relationship Officer / Digital Marketer

Sidai Oleng Club and Restaurant - Nairobi, Kenya

Digital Management

- Managed and coordinated customer engagement platforms and social media accounts. - Developed and executed the company's digital strategy to support the Brand and image of the establishment.

Branding and Communication

- Designed company logo and branding guidelines. - Designed visual communication assets per Branding guidelines to facilitate marketing and advertisements.

Business development

- Undertook market research to guide product discovery and ideation. - Curated product servings in line with market needs and formulated strategies for product activation to ensure success. - Ran promotions and engagement activities to promote good customer relations and product sales.

Feb. 2018 – Dec 2019

Trainer / Lecturer,

The Kabete National Polytechnic - Nairobi, Kenya.

Technical mentorship:

- Improved quality of end-year projects by establishing a panel supervision program that brought together trainers with diverse talents to guide end-year students in career path

specialization. - Standardized the progress tracking methodology by tying curricula activities to industry standards. - Organized talks and interaction events between students and industry players to help students garner industry exposure. - These led to increased employability of graduates and collaboration with industry.

Lecturing:

- Taught Design, Software Development and Mathematics units. - Undertook development, administration and marking of exams and other assessments. - Supervised software development projects and validated code. - Did market research and developed curricula on emerging topics within IT space. - My input maintained academic rigour among students while helping them develop practical skills and build professional networks.

Jan. 2016 – Dec. 2017

IT Officer / Developer

Trail My Car LTD - Nairobi, Kenya

- Managed and maintained the vehicle tracking interface and accounts
- Developed and maintained business intelligence solutions using Microsoft BI
- Supervised and inspected device installations and removals from vehicles; doing necessary tests and validations on installations

Education

Master of Science in IT Security and Audit

Graduation Year: 2024

Kabarak University

Nakuru, Kenya.

Bachelor of Science in Computer Science

Graduation Year: 2016

University of Eldoret

Eldoret, Kenya.

Achievements

July 2023

MENTOR – Techstars Startup Weekend, Nairobi

Mentored and facilitated startups to develop product ideas right from the pre-idea stage in order to transform innovative ideas into thriving businesses.

March 2023

FINALIST – SCI Digital Innovation Challenge 2023

I developed a GIS mapping tool to help Save the Children International implement mobile schools and gather field data.

May 2021

WINNER – Konza Innovation Challenge 2021

I led the Sonafrique team to win the Smart Parking prize with our solution, clinching the opportunity to roll out our Smart traffic solutions within Konza Technopolis, a Government of Kenya Vision 2030 flagship project. <https://bit.ly/3Sd87sw>