EUGEN
WALUBENGO NYONGESA

Software Engineer & Data Analyst

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EDUCATION

B.S. in SOFTWARE ENGINEERING
Murang'a University of Technology
Aug 2017 – Sep 2023

With a strong foundation in software development, algorithms, and system design, I sharpened my skills through a four-year degree and a capstone project in Natural Language Processing (NLP). That experience fueled my passion for AI and data-driven technologies. Collaborative projects and campus life further shaped my problem-solving mindset and adaptability, transforming me into a versatile technologist ready to tackle real-world challenges.

K.C.S.E
St Luke's Boys' High School Kimilili
2012 – 2016

I had a transformative experience in high school, where I achieved a B plain grade. Guided by the school's motto, *"Discipline, Hard Work and Success,"* I built a strong foundation in character, resilience, and academic discipline. The values instilled continue to shape my personal and professional journey, and I remain a proud alumnus.

PROFILE

I'm an innovative and solutions-driven Software Engineer with over two years of experience passionately crafting dynamic, full-stack applications. I specialize in architecting robust backend systems with the MERN stack, PostgreSQL, and Supabase concepts, while designing and integrating intuitive RESTful APIs to seamlessly connect backend and frontend. I thrive on building scalable, user-centric solutions and embedding cutting-edge AI functionalities to solve real-world challenges and deliver intelligent user experiences.

I am now channeling this foundational excitement for building smart systems into the world of Data Analysis. I am actively sharpening my expertise in Python, SQL, and Power BI, with a keen interest in leveraging AI and machine learning to not just analyze data, but to unearth profound, predictive insights that drive strategic decision-making.

Eager to join a forward-thinking team where I can collaborate, contribute my unique hybrid of development and analytical skills, and grow into a role that sits at the exciting intersection of data, software, and artificial intelligence.

EXPERIENCE

SOFTWARE DEVELOPER | July 2025 - Present
ResumeFix | Nairobi, Kenya

ResumeFix is a SaaS platform that uses AI to transform user content into professionally designed, ATS-friendly resumes, offering downloadable PDF/DOCX files (In development).

As a software developer, these are the responsibilities that I am tasked with:

o   Built a full-stack application from scratch with React, Node.js, and PostgreSQL, designing normalized schemas for high data integrity and performance.
o   Develop scalable RESTful APIs (Node.js, Express) with optimized SQL queries for efficient data processing and frontend–backend communication.
o   Integrate third-party AI APIs, implementing JSON-based logic for automated resume enhancement (grammar correction, keyword optimization.
o   Conduct data analysis with SQL, Pandas, and NumPy, extracting insights from user behavior to improve product features.
o   Manage DevOps lifecycle with CI/CD pipelines and cloud hosting (Vercel/Netlify), while gaining exposure to containerization concepts (Docker).

IT SUPPORT ATTACHÉ
ICT Authority of Kenya | GPO, Nairobi, Kenya | May 2023 – Dec 2023

As an IT Support, I was tasked with the following duties:

o   Installed and configured new hardware, systems and software.
o   Administered Active Directory and email servers, leveraging Linux/Unix CLI for system management and troubleshooting.

SKILLS

Database Management & Engineering: PostgreSQL, MySQL, Supabase (Advanced Querying, Schema Design, Administration, ETL Processes), MongoDB

Programming & Data Analysis: Python (Pandas, NumPy, Seaborn), JavaScript (React, Node.js, Express), SQL, JSON

Data Modeling & Concepts: Predictive Analysis (Regression, Classification, Naive Bayes), Statistical Analysis, Data Wrangling & Cleaning, A/B Testing

Data Visualization & BI: Power BI (Interactive Dashboards), Excel (Pivot Tables, Power Query, VLOOKUP, XLOOKUP, Advanced Charts & Functions)

Tools & Platforms: Git, GitHub, Docker (Foundational), Postman, Jupyter Notebook, Linux/Unix CLI, Agile Methodology

Soft Skills: Problem-Solving, Analytical Thinking, Communication, Collaboration, Adaptability

CERTIFICATIONS

Google Data Analytics Professional Certificate
(Coursera) - *[In Progress]*

LANGUAGES

English
Written | Spoken - Fluent

Kiswahili
Written | Spoken - Native

REFERENCES

Moses kimanzi willy
0797351448
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Network Engineer

Vincent Odhiambo Nyapuodi
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Software Developer

EXPERIENCE (Continuation)

o Maintained LAN infrastructure and network devices, performing preventive and corrective maintenance to ensure uptime.
o Delivered end-user support for servers and workstations, strengthening diagnostic and problem-solving skills.
o Created detailed technical documentation for incidents and resolutions, supporting knowledge transfer and governance.
o Enforced IT asset usage policies, ensuring compliance with organizational and security standards.

IT SUPPORT ATTACHÉ
ICT Authority of Kenya | GPO, Nairobi, Kenya | Jan 2021 – Dec 2021

As an IT Support, I was tasked with the following duties:

o Installed and configured new hardware, systems and software.
o Administered and managed users in Active Directory, Agile Controller, e-mail server and user applications.
o Conducted electrical safety checks on computer equipment.
o Maintained LAN services and equipment.
o Undertook user support activities such as problem troubleshooting and rectification, analysis of servers, workstations and associated systems remotely and onsite.
o Documented support problems and resolution for future reference.
o Carried out both preventive and corrective maintenance on network devices.
o Enforced IT assets usage policy and standards as outlined in the National ICT policy.
o Submitted various on demand reports of the ICT departmental activities, highlighting areas that call for improvement and proactiveness.
o Performed any other duties as assigned from time to time.

KEY ACHIEVEMENTS

Founded, developed and Designed ResumeFix – Software Engineering (2025)

Founded ResumeFix and led the end-to-end development of its SaaS platform using React and PostgreSQL. Integrated AI to automate resume creation, significantly streamlining the user experience and reducing process time.

Innovation in Technology Award (2023)

Recognized for implementing a data-driven approach to IT support, improving troubleshooting efficiency.