


David Marko

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Summary

Hi, I'm David, a developer from Africa with a passion for innovation and solutions architecture. I'm dedicated to using my skills to create impactful solutions that make a difference.

I am a fast learner and always relentlessly improving my knowledge and skills on different technologies, techniques, tools, frameworks and other sources of information.

With 6 years of experience in software development, I'm well-versed in a variety of programming languages and technologies. My ultimate goal is to use technology to drive positive change and help bring about a brighter future for the people of Africa.

I am proficient in several programming languages like Java, Python and TypeScript and skilled to use several tools like AWS, Git, and more

Experience

Lead Back End Developer

Hadada Financial

Jun 2022 - Feb 2023 (9 months)

My role was to build and manage Backend systems of which I accomplished the following:-

- Building an improved version to manage the backend using Python, PostgreSQL, FastAPI
- Manage Machine Learning architecture for financial analytics with Python Scikit, Pandas and Numpy
- Increased and optimized system performance by up to 300% by implementing customized caching, Redis, Java Springboot and Docker
- Integrated several platforms and tools to improve system processes
- Coordinated and collaborated with a diverse team spread across the world in developing a backend RESTAPI for financial services

Technical Lead

Naluus Inc.

Feb 2020 - Mar 2022 (2 years 2 months)

My role was to build and maintain the internal systems used for finance.

- Build analytics platforms for scrapping and visualizing stock data using Python, Cython and MySQL
- Implemented trade algorithms (Pandas and Scikit) to aid in investment decisions for the company
- Curated and managed a large databases for information hosting and maintained in the AWS ecosystem

Lead Developer

Nilotechnologies Co. Ltd

May 2019 - Feb 2020 (10 months)

My role was to manage a team that builds digital solutions for customers.

- Built and deployed Five major projects for clients across several sectors
- Implemented internal collaboration tools and policies that increased productivity and performance
- Web Development for over a dozen different clients



Software Developer

National Communications Authority

Jan 2016 - May 2019 (3 years 5 months)

My role was to manage internal systems and build digital solutions.

- Built an internal ERP system that managed the Human Resources and Payroll of tens of thousands of employees across the country mainly with SQL, Javascript and PHP
- Implemented and Integrated Biometric systems for security in C++ and Java
- Provided real-time data analytics on several internal and external sources that aided in decision and policy-making on an institutional and national level.

Education



IU International University of Applied Sciences

Bachelor's degree, Business and IT

Jan 2023 - Present

Licenses & Certifications



Biometrics Systems Development - Hyawei



EF SET Certificate - EF Standard English Test (EF SET)

gV8c3V



Learning React.js - LinkedIn



Blockchain: Learning Solidity - LinkedIn



Product Management: Building a Product Roadmap - LinkedIn



Foundations of Decentralized Finance (DeFi) - LinkedIn



Five Day Coding Challenge - Code Institute

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Become a Blockchain Developer - LinkedIn



Data Analysis with Python - freeCodeCamp

Skills

REST APIs • Agile Methodologies • Pandas • Project Management • Scikit-Learn • Amazon Web Services (AWS) • NumPy • Data Visualization • JavaScript • MySQL