

Apach David Marko

Software Developer

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EXPERIENCE

Hadada Global, U.K (Remote) — *Lead Backend Developer*

Jun 2022 - Feb 2023

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

- Maintain data pipelines for information from several sources to allow further analytics and monitoring.
- 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 REST API for financial services

Tech Stack and Skills: Python, Java, Hadoop, DevOps, AWS, ML, Redis

Naluus Inc., U.S.A (Remote) — *Technical Lead*

Feb 2020 - Mar 2022

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

Tech Stack and Skills: Python, Apache Spark, PostgreSQL, Scikit, Pandas, AWS

Nilotech, South Sudan — *Lead Engineer*

May 2019 - Feb 2020

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

- Built and deployed Five major projects for clients across several sectors.

SKILLS

REST APIs · Agile
Methodologies · System
Architecture · Project
Management · Data
Visualization

LANGUAGES

Python, Golang, PostgreSQL,
Flutter, NextJS, Angular

- Implemented internal collaboration tools and policies that increased productivity and performance - Web Development for over a dozen different clients

Tech Stack and Skills: PHP, Python, SQL, AWS, Flask

National Communications Authority, South Sudan — Software Developer

Jan 2016 - May 2019

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.

Tech Stack and Skills: Java,PHP,C++, Springboot

EDUCATION

IU International University of Applied Sciences, Germany — Degree

Jan 2022 - Present

Bachelor's Degree, Business and IT with focus on Product Management and Data Science.