TOBI OBADIAH

Yaounde, Cameroon   tobi.obadiah1@gmail.com   linkedin.com/in/tobi-obadiah   ytobi.github.io

SKILLS

• Python, C++, C, JavaScript, TypeScript, OCaml, Git, MySQL, MongoDB, Django Rest Framework
• Node.js, Django, React.js, Vue.js, Qt, Pandas, GTest, Docker, AWS CloudFormation, Kafka
• Microservices, Agile Development, Serverless, Linux, AWS, GCP, CI/CD, Deep Learning, Blockchain

EXPERIENCE

Senior Full Stack Engineer   N01ZET   *Paris, France*   2022 – present
• Evolved frontend and backend applications and services using **React**, **TypeScript** and **Node.js**.
• Implemented smart contracts in **C++** and deployed them to the **EOSIO** blockchain.
• Improved request/response throughput by introducing a microservice architecture which involved segregating services and enabling efficient communication through **Kafka**

Full Stack Developer / Founder   SEVUMI   *Yaounde, Cameroon*   2021 – 2024
• Developed and deployed web apps and microservices using **Django**, **Django Rest Framework** and **VueJs**.
• Implemented and launched scalable payment APIs integrated with Mobile Money payment processors.
• Set up **CI/CD** pipeline to production environments on AWS. Setup monitoring and error tracking on all fronts.

Machine Learning Engineer   Mboa Digital   *Yaounde, Cameroon*   2020 – 2021
• Oversaw successful development of software and serverless microservices using **Python**, **AWS Lambda**.
• Orchestrated machine learning models enabling automated reconciliation of bank statements and invoices.
• Set up **CI/CD** pipelines for AWS Lambda functions using **Zappa** and **CloudFormation**. Integrated real-time monitoring with **New Relic** and **CloudWatch** which improved early error detection or outage by 30%.

Software and AI Engineer   Artificials & Engineering *Buea, Cameroon*   2019 - 2020
• Developed core features of Ride & Smile, a transport application using C++ and MySQL.
• Facilitated deployment of features to production by rigorously testing software components using GTest.
• Orchestrated an internal tool that simplified analyzing, organizing and presenting insights from surveys using Python, PySide and Machine learning useful to the marketing team.

Software Developer   Fiverr   Remote   2018 - 2020
• Collaborated with various clients from 6 continents and across multiple sectors including transport and entertainment. Ensured 100% client satisfaction and repeated client service requests with 30+ 5-star reviews.

EDUCATION

Bachelor of Science in Computer Science   University of Buea   2015 - 2019
Relevant Courses: Data Structures, Algorithms, Discrete Mathematics, Functional Programming, OOP

Deep Reinforcement Learning for Enterprise (certificate)   Udacity   2019
Program covered: Value-Based Methods, MDP, Monte Carlo Methods, Policy-Based Methods, PyTorch.

Deep Learning Nanodegree (certificate)   Udacity   2019
Program covered: Artificial Neural Networks, Computer vision, Natural language processing, CNN, LSTM

PROJECTS

Sentiment Analysis (Udacity Deep Learning Project): Analyze sentiments of movie reviews using AI. Website
Handy (Open Source): A data structure and utility library developed using C Github.