Adagedo Israel

08160990661 • adagedosolomon52@gmail.com • GitHub:https://github.com/Adagedo

SoftWare Developer

I'm a detail-oriented and results-driven Software Engineer with a strong technical foundation, a track record of exceeding expectations, and a passion for solving complex problems. Skilled in modern Python development, systems programming, and backend architecture, leveraging tools like Django, NodeJs and spring boot. With experience spanning web services, containers, cloud infrastructure, and performance-focused engineering. I bring excellent communication, organization, and collaboration skills, combined with a self-motivated mindset and the ability to thrive in distributed environments.

WORK EXPERIENCE

Devengines • **01/2025 - Present**

Junior Fullstack Developer • **Contractor**

- Build and integrate new APIs like gRPC.
- Hands-on workings with microservices while integrating them with services like Apache, kafka and Rabbitmq.
- Developed backend components using Python and integrated SQL/NoSQL databases for dynamic data-driven features.

Freelancer • **08/2023 - Present**

Python Developer

- Modified existing Software to correct program errors, upgrade the interface and improve overall performance.
- Implemented a simple machine learning algorithm (linear regression and support vector machine) to analyze stock market.
- Worked closely with clients to meet requirements and enhance project quality.

TechStack • **Remote** • **04/2023 - Present**

Software Engineer

- Designed and maintained high-performance Python backend services with a focus on scalability, security, and maintainability.

Jovian • **02/2024 - 08/2024**

Software Engineer. • **Internship**

- Improve the user experience for online courses by designing intuitive layouts, integrating interactive elements, and ensuring smooth functionality.
- Assist in optimizing course navigation and implementing learner engagement tools, like discussion boards and feedback systems.
- Assisted in deploying Jovian's services across cloud environments like AWS and GCP, configuring infrastructure to support scalability, security, and performance.
- Applied software engineering best practices including testing, modular architecture, and CI/CD pipelines.

EDUCATION

Computer/Software engineering

Federal University of Technology Minna • Minna

PROJECTS

LLM-Powered Support Bot

Built a backend system for a support chatbot using LLMs to provide real-time responses based on custom-trained data.

Designed REST APIs with FastAPI and integrated caching for faster response times.

Secured endpoints with OAuth2 and deployed the app using Docker and Nginx.

Container-Aware Deployment Toolkit

Built a simple CLI tool in Python to assist with deploying microservices using Docker and LXD on Ubuntu. It automated common setup tasks and integrated with GitHub Actions for smoother CI/CD workflows. Shared as an open-source project with basic documentation to support other developers working in similar environments.

https://github.com/Adagedo/container-deployment-toolkit

Scalable gRPC API with Role-Based Access Control.

Engineered a secure and scalable backend service using FastAPI and gRPC to manage user data in real-time. Integrated PostgreSQL for persistent storage, Kubernetes for deployment, and implemented role-based access and API throttling for enterprise-level security. The service supported high-load environments, with full test coverage and CI integration, and served as a robust foundation for internal research tooling and public-facing APIs.

Cloudvault

A Django package built to manage file uploads. It easily integrates with cloud platforms.

https://github.com/Adagedo/cloudvault

PUBLICATIONS

Design Patterns

Authored an article on the significance of software development design patterns tech industry.

API design.

Authored an article on API design and the significant of load balancing in API.

SKILLS

Docker, Kubernetes

Programming Languages : JavaScript, Python, Java, C#

Frameworks and Libraries: React, Flask, FastApi, Django, PyTorch

DataBase: MongoDb, MySQL

Version Control: Git, GitHub

Soft Skills: Strong communication, effective team collaboration, and problem-solving abilities

Technical skills: API Development & Integration., GenAI/LLM Integration., CI/CD Pipelines (GitHub Actions, Ubuntu/ Linux, Technical Writing