Kingsford Future Adjei

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Current role	Manager at Kingshub Ventures

Right now I'm learning…
Learning cloud architecture & DevOps (AWS, Docker) to build scalable APIs, like my IoT smart dustbin project. Passionate about innovative backend solutions for startups

Work experience

Manager, Kingshub Ventures ⊞ | Sep 2020 - Present (4y 8m)

- Oversee end-to-end operations of a printing press, managing inventory, staff coordination, and customer relations.
- Developed and maintain a custom ticketing system for Alolayi Car Washing Bay, streamlining operations and improving customer experience.
- Troubleshoot and resolve IT-related issues, including hardware maintenance and software installations for clients.
- Operate and maintain printing machines, ensuring high-quality output and minimal downtime through proactive issue resolution.
- Implement inventory tracking processes, reducing material waste by 15% through accurate stock management.
- Train and mentor team members on operational workflows and technical tools, fostering a collaborative and efficient work environment.

Backend Engineer, Project Basilica: Smart Dustbin System ⊞ | Jan 2025 - Jan 2025 (1m)

- Building a backend architecture for an IoT-based smart dustbin system to monitor waste levels and optimize collection schedules using Python and REST APIs.
- Implementing real-time data processing and notification features, integrating with IoT sensors to track bin status and alert users via a centralized system.
- Overcoming scalability challenges by designing a modular API structure, ensuring efficient data handling for multiple bins.

Backend Engineer, Kingshub Ventures ⊞ | Jan 2024 - Jan 2024 (1m)

- Collaborated with stakeholders to understand operational challenges and designed a manual ticketing system with a digital backend using Python and Django.
- Built a local REST API and integrated a database to manage customer bookings and payments, reducing manual errors by automating transaction tracking.
- Implemented the system on the client's local system, improving efficiency and earning positive feedback for reliability and ease of use.

Backend Engineer, AirBnB Clone 　Jan 2024 - Jan 2024 (1m)

- Developed a backend system for an AirBnB-like platform, enabling property listing, user management, and booking functionalities using Python and Flask.
- Utilized FileStorage and MySQL for data persistence, ensuring efficient data retrieval and scalability for user and property records.
- Implemented RESTful API endpoints, tested via Postman, achieving reliable performance for CRUD operations.

Education

Parul University, Gujarat, India 　Jan 2016 - Present (9y 4m)

Computer Science (Level 100, Incomplete)

ALX_Africa 　Sep 2023 - Aug 2024 (11m)

Professional Certificate in Software Engineering (Backend Engineering)

Snippets

A School manager 🔗 **github.com**

a web-based platform built with Django and Tailwind CSS, designed to streamline school operations. It manages student data, attendance, fee collection, and parent-teacher communication, offering real-time syncing and an efficient user experience across multiple branches.

More about me

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Interests

I love hiking, traveling, and music. Hiking keeps me grounded, traveling sparks new perspectives, and music—especially Hymnals, Chants and pop—fuels my creativity and energy

Languages

English, German, Akan