

Jacob Ojijo

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EXPERIENCE

Backend Developer

Klusterthon (Hackathon)

November 2023 – December 2023

- Collaborated with a diverse team (where I was the Team Lead) to develop an application allowing users to describe symptoms and receive preliminary medical advice from an AI chatbot.
- Utilized ChatGPT API for efficient chatbot functionality.
- Engineered a robust backend system for managing user inputs and responses.
- Implemented a secure user authentication system.

Software Engineering Virtual Experience Programme

JP Morgan Chase & Co

July 2023 – August 2023

- Proficiently set up a local development environment by installing essential files, tools, and dependencies to streamline project workflows.
- Successfully resolved issues within the repository, ensuring the web application produced accurate outputs and functioned flawlessly.
- Demonstrated expertise by utilizing JPMorgan Chase's open-source library, Perspective, to create a dynamic and visually engaging live graph. This tool allowed for real-time data visualization, enhancing traders' ability to monitor market data efficiently.
- SKILLS : Technical communication, Typescript, Python, Git, React, Financial Data and Analysis

PROJECTS

Web3 Crowdfunding Plattform

- Created and deployed a decentralized crowdfunding platform on the blockchain to empower users to participate in crowdfunding campaigns in a secure and transparent manner.
- Github: https://github.com/Jacobojijo/web3_crowdfunding.
- Techstack: Smart contracts(solidity) React, Tailwind CSS, Javascript, Thirdweb.

AI-Powered Marketing SAAS Solution

- Designed and deployed a Software as a Service solution to revolutionize branding and marketing efforts by providing users(business users) with compelling dynamic AI-generated marketing and branding snippets tailored to their needs.
- GitHub: <https://github.com/Jacobojijo/ai-branding-application>
- Tech-stack : React, Typescript, Tailwind CSS, FASTAPI, Python, Docker, AWS Lambda, OpenAI.

Customer Relationship Manager App

- Created a comprehensive CRM tool for streamlined customer data management with CRUD capabilities, a robust authentication system and user-friendly interface.
- Github : <https://github.com/Jacobojijo/ai-branding-application>
- Techstack : Python, Django, Bootstrap, MYSQL.

AI Image Generation Application

- Created and deployed an AI-powered image generation application that leverages the OpenAI model (Open Api) to produce visually stunning images, artwork, and aesthetically appealing designs from textual inputs.
- GitHub : <https://github.com/Jacobojijo/AI-Image-Generation-App>
- Tech-stack : MongoDB, Express, React, Tailwind CSS, Nodejs.

EDUCATION

Degree in Software Engineering

Holberton School • 2023

Bachelor of Science in Analytical Chemistry

Jomo Kenyatta University of Agriculture and Technology • Nairobi, Kenya • 2022

SKILLS

TECH STACK: Python, React, Docker, Typescript, Nextjs, Nodejs, React, SQL

SOFT SKILLS: Collaboration, Communication, Fast learner

Language: English

