JACOB OJIJO

SOFTWARE ENGINEER

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EDUCATION

Holberton School ALX
Degree in Software Engineering   *Nairobi, KE*

Jomo Kenyatta University of Agriculture and Technology   **2018-2022**
Bachelor of Science in Analytical Chemistry (Mathematics, Physics, Chemistry)   *Nairobi, KE*

EXPERIENCE

Research Intern   **Sep-Dec, 2021**
Kenya Marine and Fisheries Research Institute   *Mombasa, KE*

- Executed projects demonstrating good understanding of research analysis techniques and applications.
- Used statistical software or spreadsheet software to perform statistical analysis on data such as regression and ANOVA analysis.
- Collaborated with a cross functional team on various projects.

RESEARCH PROJECTS

AI Branding Snippet Generator   [GitHub Link](#) **|| Nextjs/React, FastAPI, AWS Lambda, Docker, Python**

Designed and implemented a comprehensive Software as a Service (SAAS) solution encompassing full-stack development. Successfully launched the application, leveraging AI technology, to create dynamic branding and marketing snippets.

Deployed application: https://brandsnippet.netlify.app/

Web3 Crowdfunding Application   [GitHub Link](#) **|| Solidity, React, Tailwind CSS, JavaScript**

Conceptualized, developed, and released a cutting-edge web3 crowdfunding platform, empowering users to initiate, explore, and contribute to diverse crowdfunding campaigns. Orchestrated blockchain integration, enabling seamless interaction with MetaMask and facilitating campaign funding through the Ethereum network.

Deployed application: https://crowdfunding-ojijo.netlify.app/

Customer Relationship Manager Web Application   [GitHub Link](#) **|| Python, Django, MySQL, Bootstrap**

Developed a Customer Relationship Manager (CRM) application with a full capability to facilitate the addition, updating, and deletion of customer records. The CRM app features a comprehensive authentication system and an intuitive user interface.

AI Image Generation Web Application   [GitHub Link](#) **|| JavaScript, React, MongoDB, Express, Tailwind CSS**

Built and deployed an advanced full stack AI Image Generation application that leverages OpenAI model (Open Api) to produce visually stunning images, artwork, and aesthetically appealing designs from textual inputs.

Deployed application: https://ai-imgegenerator.netlify.app/

SKILLS

TOOLS/TECHNOLOGY

AWS   Python   React   Django   OOP   Docker   SQL   NOSQL   FastApi   Express   Nodejs

SOFT SKILLS

English   Communication   Teamwork   Organizational   Problem-solving   Creativity

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure AI Fundamentals
- Harvard University Certified CS50 Computer Science Fundamentals