

Emmanuel Abara

Email: emmanuelabara265@gmail.com

Phone: +234 906 852 8533

[LinkedIn Profile](#) | [GitHub Profile](#) | [Portfolio](#)

Objective

Dynamic and results-driven Software Engineer with over two years of experience in software development, specializing in AI and backend technologies. Certified in Software Engineering and AI solutions, I am passionate about delivering innovative, impactful solutions while continuously advancing my skills. Seeking opportunities to contribute to transformative projects and excel within a forward-thinking team or independently..

Education

ALX Software Engineering Program

2022 - 2024

- **Certificate:** [Software Engineering](#)
 - **Certificate:** [AI Career Essentials](#)
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Skills

- **Programming Languages:** Python, JavaScript (React, Node.js, Next.js)
 - **Web Development:** HTML, CSS, REST APIs, Responsive Design
 - **Database Management:** Firebase Firestore, SQL
 - **Frameworks & Tools:** Flask, React, Git, Vercel, Docker
 - **Software Development:** Serverless functions, API Integration, GraphQL.
 - **AI & Automation:** AI-powered applications, automation scripting, data analysis
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Experience

Python Developer

GrooveTunes Project

2024

- Developed and optimized backend services in Python for a music streaming platform, incorporating playlist management and integration with third-party music APIs.

- Developed the frontend, ensuring smooth user interaction and interface design for optimal user experience.
- Created efficient, scalable code solutions to manage data retrieval and storage from APIs, resulting in enhanced application performance and reliability.

Telegram Bot Developer

PromotePro Telegram Bot

2024

- Developed a Telegram bot with an interactive main menu, offering services such as Promotions, Token Listing, and Community Management.
- Designed a **Services** menu allowing users to explore options like promotions on X (formerly Twitter) and Instagram, with structured sub-options for specific platforms.
- Implemented a **Join Us** menu for role selections like Shill Master, Moderator, and Social Media Manager, and a **Token Listing** feature notifying admins of user requests and initiating live chat sessions for real-time support.
- Created a **Live Chat System** for token listing requests, enabling admins to respond using commands (e.g., /reply <user_id> <message> and /endchat <user_id>) and ensuring only one admin manages each session.
- Developed **Event Listings** for upcoming events, allowing users to view details or obtain tickets through InlineKeyboardButtons.
- Configured **Admin Notifications** to alert all admins when specific actions (like token listing requests) are initiated, enabling admins to claim and manage user requests effectively.

Projects

PromotePro Telegram Bot

- Created a Telegram bot with a robust main menu, live chat, and user request features, facilitating promotions, token listings, and role-based user interactions.

Telegram Bot

- Created a Telegram bot with robust features using infura, uniswap API's. Some of it's features include:
 1. Fetches the swap rate between two specified tokens
 2. Set alerts for ETH price, view alerts, delete alerts
 3. Get real-time Ethereum market data and basic information about the factories related to ETH transactions
 4. Check the current Ether balance for the specified address.
 5. Get the current Ethereum gas price and many more features.

GrooveTunes Online Music Player

- Developed a full-stack online music player with real-time streaming and playlist management, integrating APIs and Firebase.

eXquisite Online Restaurant Website

- Built a responsive online restaurant website with a focus on user experience and mobile compatibility.

ALX Software Engineering Projects

- Completed extensive projects in full-stack development, focusing on algorithms, data structures, and system design.

Certifications

- [Software Engineer Certification](#)
ALX Software Engineering Program
- [AI Career Essentials Certification](#)
AI Augmented Professional Development

Additional Information

- **Availability:** Immediate
- **Languages:** English (fluent)