JOSHUA HASSAN

Software Developer

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SKILLS AND EXPERTISE

- Frontend Development**: Next.js, TypeScript, Tailwind CSS, React**
- Backend Development: **Django, FastAPI, Express JS**
- Blockchain Development: **Solidity, Remix, Hardhart**
- Programming Languages: Python, JavaScript, Typescript and Solidity.
- Frameworks/Libraries: **Django, Django rest framework, ReactJs, NextJs, Bootstrap, Tailwind CSS, Thirdweb, Shadcn UI.**
- Developer tools: **Git, GitHub, Postman, PostgreSQL, MYSQL, Docker, Redis, Celery, OpenAi, Telegram API**

RELEVANT WORK EXPERIENCE

Full Time Blockchain Developer, Shortlet-Lagos | March 2024 - Date

- Architected a decentralized application (dApp) securing over NGN 1bn in tokenized real estate assets, implementing robust smart contract functionality and seamless user experience using TypeScript and Tailwind CSS..
- **Manage a team of developers, oversee project structure, and ensure timely delivery of features.**
- Deployed a user-friendly interface using Next.js and Tailwind CSS that was recognized by senior leadership and reduced client onboarding time by 40% through intuitive design.

Part Time Full-Stack Blockchain Developer, PODX | October 2024 - Date

- A decentralized live podcasting platform that enables creators to host on-chain sessions and receive cryptocurrency tips in real-time.

Part Time Full-Stack Developer, Budescode Academy | September 2023 - February 2024

- I primarily worked on backend development tasks, ensuring the robustness and efficiency of our platform's core functionalities.
- Implemented RESTful APIs to enable smooth communication between frontend and backend systems, allowing for **seamless** data exchange and interaction.
- Implementing features, optimizing performance, and maintaining the integrity of our backend systems.
- **Optimized** website performance through techniques such as **caching**, **lazy loading**, and **minification** of static files**.**

Freelance Frontend Developer, Accuvend | November 2023

- Led front-end development at Accuvend, contributing to an intuitive admin dashboard and responsive website
- Translated design concepts into engaging user interfaces while ensuring robust connectivity and data exchange.
- **Collaborated** effectively within a team to achieve project objectives

Freelance Full-Stack Web Developer, Spire Edge Properties | August 2020 – December 2020

- **Developed** and **deployed** a responsive digital marketing website for the company which boosted sales by **up to 40%**
- Designed and implemented a modern and **responsive user interface** that is compatible with multiple devices and screen sizes.
- Integrated a custom property search feature that allows users to search for properties based on location, type, price, and other criteria

PERSONAL PROJECTS

AI Solana Wallet Analyzer| Typescript, Nextjs, OpenAi | [source code](#) | [live url](#)
- A comprehensive web application that provides in-depth analysis of Solana blockchain wallets.

Panthera Bot| Node, Express, Telegram API, React, Tailwind | [live url](#)
- A sophisticated Telegram airdrop bot that gamifies token distribution through a comprehensive scoring system.

Capture the Flag (CTF) Challenge | React, Typescript, Tailwind CSS, React Query | [source code](#) | [live url](#)
- **Developed** the CTF Challenge as part of a website dedicated to the GDG community, fostering engagement and interaction among members
- Designed an engaging gameplay experience where users explore the website to discover hidden flags of varying difficulty, earning points based on their findings.
- **Collaborated** with a fellow developer, to conceptualize and build the CTF Challenge, enhancing teamwork and joint problem- solving skill

ACHIEVEMENTS, AWARDS AND VOLUNTEERING EXPERIENCE
Mentor, Gritin AI | February 2025
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Google Dev Fest | December 2023, 2024
- Volunteered for the Google Developer event, considered the flagship event of the year, showcasing dedication to community engagement and contribution to tech-related initiatives.
- Demonstrated commitment and leadership by delivering an innovative and entertaining project, contributing significantly to the success and appeal of the event.

Group Tutor | February 2020
- Volunteered as a tutor, delivering comprehensive lessons on fundamental Python programming concepts and principles to the participants.

EDUCATION

University of Benin, Edo state (September 2016 - December 2022**)**
Programme: Bachelor of Engineering, Mechanical Engineering
Dissertation: Determination of Average Daily Traffic in Nigeria: using Benin Metropolis as a case study.
Relevant Courses: **Engineering Computer Programming**, **Engineering** systems **and dynamics,** Engineering Design, Engineering Mathematics (Calculus, Numeric Analysis, Control systems and dynamics, Computer **Aided** Design).