DIVINE IGBINOBA

BACKEND DEVELOPER

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Skills

- **Programming Languages**: Python, JavaScript, TypeScript, C, HTML5, CSS3
- **Frameworks**: FastAPI, Django, Flask, Express.js
- **Databases**: MySQL, MongoDB, Redis
- **DevOps & Tools**: Docker, Git, RabbitMQ GitHub, PaperSpace (Digital Ocean)
- **AI & ML**: Langchain, Prompt Engineering

Professional Experience

NCMMS   Remote
BACKEND DEVELOPER   July 2024- Present
- Enhanced testing efficiency by developing API and function tests using FastAPI, reducing debugging time by 30% through the implementation of automated testing with mock MySQL and MongoDB databases.
- Optimized data management by designing and integrating a MongoDB database, reducing data retrieval times by 40% and enhancing overall system performance.

HealthMate   Benin City | Edo State | Nigeria
BACKEND DEVELOPER   Jan 2024- May 2024
- Collaborated with a team of 10+ developers and designers to develop a platform aimed at improving healthcare accessibility by connecting users with medical practitioners
- Enabled seamless self-diagnosis by architecting a scalable backend using FastAPI and Langchain, resulting in a 35% increase in user engagement.
- Gained hands-on experience in healthcare tech and agile development processes, contributing to the project's technical foundation.

Nigerian National Petroleum Corporation Exploration Production Limited (NNPC)   Benin City | Edo State | Nigeria
BACKEND DEVELOPER INTERN   June 2023- Oct 2023
- Increased operational efficiency by through the development of a scalable FastAPI backend and MySQL database, facilitating the effective management and retrieval of over 500 assets.
- Streamlined asset tracking processes, resulting in a 30% reduction in manual tracking errors and improved data accuracy.

Polymarq   Remote
DEVOPS INTERN   July 2023- Sept 2023
- Enhanced AI deployment efficiency by 25% through Dockerizing and deploying AI models on PaperSpace, improving backend integration and overall system performance.
- Contributed to seamless system operations by optimizing the deployment process, leading to a 20% reduction in system downtime.

Projects and Hackathons

Lablab.ai Hackathon – SPEECH TO SPEECH TRANSLATOR
- Enhanced content accessibility by developing a full-stack web application that translates audio and video content into multiple languages, broadening the reach and usability for diverse.
- Achieved recognition within the hackathon for the innovative use of Whisper and ElevenLabs technologies, boosting the team's project rating by 25%.

Google Developer Hackathon – VIDEO SUMMARIZATION AND Q&A WEB APPLICATION
- Enabled efficient content consumption by designing an AI-powered platform for generating video summaries, reducing user time spent on content review by over 50%.
- Facilitated interactive learning by integrating conversational engagement features, aimed at increasing user interaction with video content by 35%.

PROFESSIONAL WEBSITE
- Showcased technical expertise by developing a full-stack Django-based resume website, leading to a 50% increase in engagement with potential employers through the interactive Google Gemini-powered chatbot.
- Improved user experience by implementing real-time professional background queries, resulting in a 30% increase in time spent on the site.

BOOK STORE
- Increased sales efficiency by developing an AI-powered e-commerce platform, leveraging OpenAI GPT-4 Turbo API to enhance book recommendations.
- Streamlined operations by designing and implementing a RabbitMQ-based messaging system for asynchronous task processing, automating key business processes and reducing manual workload by 35%.

[AUTONOMOUS NOTE TAKING API](#)
- Streamlined meeting and lecture processes by creating an API for automated recording and summarization, cutting down note-taking time by 60% for users.
- Monetized the platform by integrating seamless payment options for subscription services.

[WHATSAPP-BASED DIAGNOSIS CHATBOT](#)
- Improved healthcare accessibility by developing a medical advice chatbot that leverages AI and trusted health resources, leading to a 30% increase in user trust and engagement on WhatsApp.
- Recognized for innovation by implementing a scalable FastAPI backend, ensuring reliable and prompt health advice delivery.

[API-POWERED SOCIAL MEDIA API](#)
- Enhanced user engagement by developing an AI-driven RESTful API for social media, improving post-interaction rates by 40% with advanced content enhancement features.
- Increased platform security and scalability by implementing robust user authentication and data management practices, leading to a 35% reduction in security incidents.

Education_____

Highest Degree: BSc

School: University of Benin

Course: Quantity Surveying

GPA: 4.24

Course work_____

- Harvard CS50's Web Programming with Django and JavaScript
- Harvard CS50's Introduction to Programming with Python
- Harvard's CS50: Introduction to Computer Science
- freeCodeCamp - FastAPI, Express.js (Node.js)
- ALX AFRICA – C, Python, JavaScript, HTML, CSS and SQL
- User experience design by Interaction Design Foundation