Jason Yakubu

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PROFESSIONAL SUMMARY

- Full Stack Developer with hands-on experience designing, building, and deploying scalable web applications. Proficient in **Python, JavaScript, Django and React** with a focus on **AI-powered tools and web applications**. Strong problem-solving skills and expertise in **REST APIs, cloud deployment, authentication, and real-time communication**. Passionate about developing user-centric solutions and optimizing backend performance.

PROJECT EXPERIENCE

AI Study Platform

Technologies: Python, Django, Gemini, AssemblyAI   *Oct 2024 - Dec 2024*

- **Developed** an interactive AI-powered web application using Django, enabling users to upload and process text or PDF files, audio files and YouTube videos.
- **Implemented** Gemini API to generate text summaries, quizzes, and study aids tailored for educational purposes with 97% accuracy.
- **Optimized** backend logic to process large files efficiently, ensuring quick response times and seamless performance.
- **Collaborated** with testers and users to improve functionality based on feedback, resulting in a 95% user satisfaction rate

Social Media Platform

Technologies: Django, Bootstrap, PostgreSQL   *Dec 2023 - Sep 2024*

- **Developed** a feature-rich social platform where users can post text or images, like, follow others, engage in one-on-one chat and many other features of a social media platform.
- **Developed** a comprehensive user authentication and profile system utilizing Django's User model, and Google Oauth authentication api.
- **Implemented** a social interaction system including like, comment, and follow features to enhance user engagement, leading to a 30% increase in daily active users.
- **Utilized** WebSocket protocols to integrate a real-time chat feature for private messaging between users.

Finance Tracker

Technologies: Django, PostgreSQL, Chart.js   *Oct 2024 - Dec 2024*

- **Engineered** a full-stack finance management tool to track and categorize income and expenses for improved budgeting
- **Visualized** financial trends with dynamic, interactive charts using Chart.js, allowing users to easily interpret spending patterns.
- **Automated** data processing workflows to categorize transactions, reducing manual effort by 80%.
- **Launched** the application on a production server with robust error handling and backup systems.

EDUCATION

Federal University of Technology Minna   **Minna, Nigeria**

B.Tech in Computer Engineering

SKILLS

Frontend: HTML, CSS, Javascript, React, Bootstrap

Backend: Python, Django, Rest API

Database: PostgreSQL, MongoDB, MySQL

Tools: OAuth, API Development, AWS, NLP, AI Integration, Docker.