

# Jason Yakubu

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## PROFESSIONAL SUMMARY

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- 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

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### AI Study Platform

Technologies: Python, Streamlit, OpenAI, NLTK

Oct 2024 - Dec 2024

- Developed** an interactive AI-powered web application using Streamlit, enabling users to upload and process text or PDF files.
- Implemented** OpenAI 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

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Federal University of Technology Minna

Minna, Nigeria

B.Tech in Computer Engineering

## SKILLS

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**Frontend:** HTML, CSS, Javascript, React, Bootstrap

**Backend:** Python, Django, Rest API

**Database:** PostgreSQL, MongoDB, MySQL

**Tools:** ,WebSockets, OAuth, API Development, Cloud Deployment, NLP, AI Integration