

INIOLUWA OLUWASEMILOGO OJO

Software Developer

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PROJECTS

Password Manager

- <https://github.com/Ojainioluwa/Password-manager>
- Designed and built** a comprehensive full-stack Password Manager, enabling users to securely store and manage encrypted credentials for other sites
 - Integrated advanced security features:** Frontend AES encryption of sensitive data utilizing the **Web Crypto API** (generating unique keys from user input without persistent storage) and **JWT-based authentication** for secure user sessions.
 - Ensured data integrity** by implementing **bcrypt** hashing for all user login passwords stored in the **MongoDB** database, accessed via **Mongoose**.
 - Developed** a highly responsive user interface with **React**, leveraging **Redux** for efficient state management and **TanStack Query** for optimized data fetching and caching.
 - Constructed** a robust and efficient backend with **Node.js** and **Express**, ensuring reliable data retrieval and storage.

Expense Tracking Application

- <https://github.com/Ojainioluwa/Expense-tracking-application>
- Developed a full-stack Expense Tracker application** using the **MERN stack**, providing comprehensive personal finance solutions.
 - Engineered a robust backend with **Node.js**, **Express**, and **MongoDB**, integrating **JWT** for secure user authentication.
 - Built an intuitive frontend using **React** and **Tailwind CSS**, enhancing user experience with interactive data visualizations via **Chart.js**.
 - Managed global application state efficiently with **Redux** and optimized data fetching with **TanStack Query**, delivering financial insights.

Pet Health Tracker

- <https://github.com/Ojainioluwa/pet-app-frontend>
- Led frontend development** of a mobile-first Pet Health Tracker application using **React Native with Expo**, focusing on intuitive design and user experience.
 - Developed** comprehensive CRUD features for tracking pet health data and implemented secure user authentication flows.
 - Leveraged Redux** for efficient state handling and **TanStack Query** for performant data synchronization within the mobile application.

SUMMARY

A recent Computer Science graduate and dedicated MERN stack developer. I excel at building and deploying scalable, secure web applications, and I'm eager to contribute my problem-solving skills and collaborative spirit to a forward-thinking software development team.

TRAINING / COURSES

CompTIA Network+ (Course Completion)
New Horizons

LANGUAGES

English 
Advanced

SKILLS

Node.js	JavaScript	MongoDB	
Express.js	React	CSS	
TypeScript	Tailwind	Bcryptjs	
Mongoose	Redux	React Native	
Git	GitHub	HTML	Python
JWT	Tanstack Query	Materia UI	
REST	Socket.IO		

EDUCATION

B.Sc. Computer Science

Federal University Oye-Ekiti

📅 2021 - 2025 📍 Ekiti State, Nigeria

- Ekiti State
- Expected Graduation:
- Cgpa: 3.8/5.0
- **Key Courses:**
- Data Structures and Algorithms
- Web Development
- Database Management
- Operating Systems
- Software Engineering
- Computer Networks
- Information Security