

Ameer Hamza

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SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML/CSS, Tailwind CSS, React Query, React Native, Figma

Backend and Database: Appwrite, Prisma, PostgreSQL, SQL, Zod

Tools: GitHub, Git, VS Code, Figma, Cloudinary

WORK EXPERIENCE

Meldin

(May 2025 – Aug 2025)

Frontend Intern

- Acquired practical skills in React.js, Tailwind CSS, Figma, and basic Three.js for interactive 3D elements.
- Designed modern, responsive UI layouts in Figma, ensuring clean aesthetics and a smooth user experience.
- Converted Figma designs into functional React components styled with Tailwind CSS for consistency across devices.

Zealtouch

(Oct 2025 – Present)

Frontend Developer Intern

- Building web applications using Next.js and TypeScript, using React Query to fetch and cache data from the backend.
- Creating forms using React Hook Form and Zod to handle user inputs and validation errors efficiently.
- Connecting the frontend with Appwrite for authentication and database features and converting Figma designs into Tailwind CSS code.

PROJECTS

Auto-Link | React Native, Expo, Firebase

- Developed a full-stack IoT system using React Native for the mobile interface and Flask for the backend API.
- Integrated ESP32 sensors to stream real-time accelerometer and gyroscope data to a PostgreSQL database.
- Implemented a Machine Learning pipeline using scikit-learn to classify driving behaviors (sudden braking, acceleration, turns) with high accuracy.

StayHub | Next.js, TypeScript, Appwrite, Tailwind CSS

- Built a room booking application using Appwrite for the backend, implementing Role-Based Access Control (RBAC) to separate Admin, Manager, and User features.
- Wrote logic to check room availability dates to prevent double-bookings for the same time slot.
- Integrated Cloudinary API to allow users to upload room images and profile pictures and fetch them for display in the UI.

Inventory Management System | Next.js, TypeScript, Prisma, PostgreSQL

- Created an inventory dashboard using Recharts to display data like current stock levels and low-stock alerts.
- Used Prisma ORM with a PostgreSQL database to perform Create, Read, Update, and Delete (CRUD) operations on products.
- Implemented Stack Auth to handle user login sessions and ensure users can only access their own inventory data.

EDUCATION

COMSATS University, Lahore campus |

(Sep 2021 - July 2025)

Computer Engineering | OOP, DSA, DBMS, Web, Mobile Application and Game Development