HASSAM ATA

Karachi,Pakistan

MERN Developer

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EDUCATION

NED University of Engineering and Technology   **2022 − 2026**
B.E - Software Engineering- ***CGPA - 3.5***   *Karachi, Pakistan*

COURSEWORK

- DSA
- Oops
- Software Engineering
- Operating Systems
- Computer Networks
- DBMS

EXPERIENCE

Intern at NCL-NED ↗   **Sept. 2024 - Nov. 2024**
Role - MERN Developer   *Karachi, Pakistan*

- Developed STORM MACHINE, a cargo truck showcase platform with a search feature using **React.js**, **Modular CSS**, and **React Router DOM**.
- Built a backend with **Node.js** and **Express.js**, implementing **RESTful APIs** for efficient data handling.
- Designed and managed a relational database using **MySQL** and **Sequelize ORM**, ensuring structured and scalable data storage.

PROJECTS

SenseAi ↗ — Next.js,Shadcn, Prisma, Neon PostgreSQL, Clerk, Zod, Gemini API, Inngest   **March 2025**

- Developed **SenseAi**, an **AI-powered career advancement platform** using **Next.js**, **Prisma**, and **Neon PostgreSQL**, enabling users to generate **AI-driven industry insights**, **resumes**, and **cover letters.**
- Integrated **Clerk** authentication for secure user sign-ups and implemented **Zod** for robust form validation, ensuring data integrity.
- Implemented an **AI-powered interview preparation** using **Gemini API**, generating **MCQs** and providing **personalized feedback reports**.
- Automated weekly **industry insights** generation using **Inngest** cron jobs, enhancing user engagement with up-to-date market trends.

Articulate ↗ — React.js,Tailwind CSS,React Query,Clerk,Node.js,Express.js,Mongo DB   **Dec 2024**

- Developed a **blogging platform** with key functionalities including **content creation**, **image and video uploads**, **commenting system**, and **post searching and filtering**.
- Built a backend using **Node.js** and **Express.js** to create a **RESTful API**, integrated **Clerk for authentication**, and used **MongoDB** as the primary database with **Mongoose ODM** for data management.
- Designed the frontend with **React.js**, optimized state management using **React Query**, and styled the application with **Tailwind CSS** for a responsive and modern user interface.

TECHNICAL SKILLS

Languages: C++,Javascript,Typescpit,SQL
Frameworks: Next.js, Node.js, Express.js
Libraries: React.js, Tailwind CSS,Shadcn, Prisma
Developer Tools: VS Code,Postman
Databases: MySQL,PostgreSQL,MongoDB