

Hasan Sohaib

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SUMMARY

Full Stack web developer specialized in the MERN stack, with hands-on experience in Django. Skilled in building scalable, end-to-end web applications, integrating RESTful Web APIs, and proficient in version control (Git), currently exploring Generative AI to enhance functionality and user experience.

EDUCATION

BS Computer Science - FAST-NUCES

August 2021 - June 2025

SKILLS

Web Development & App Development	Node.js, Express.js, React.js, Next.js, React Native (Expo CLI), MongoDB, Firebase, SQL, JWT, OAuth, RESTful APIs, HTML, CSS, Bootstrap, Tailwind CSS, Django, Fast API, Flask API
Programming Languages & Tools	C++, C#, Python, JavaScript, Git, Github, SQL Server Postman, Vs Code

EXPERIENCE

Software Engineer – CoreX Tech

June 2025 – Present

- Designed and developed an end-to-end financial and project management system using **Next.js**, **Node.js (Express)**, and **PostgreSQL**, streamlining the tracking of 25+ active and historical projects.
- Automated manual workflows for monitoring investor capital, allocations, P&L, and financial history, reducing weekly operational overhead by **90%** (from 20+ hours to under 2 hours).
- Delivered the solution with **100% backend test coverage** and optimized PostgreSQL queries, achieving **~20% faster data retrieval**.

Full Stack Development Intern – CodeAlpha

July 2024 – August 2024

- Built multiple full-stack web apps including a project management tool, an e-commerce store, and a social media platform with interactive features.

PROJECTS

DeafEd

DeafEd

FYP - (React Native, Node, Express, MongoDB, Python, Flask, OpenCV)

September 2024 - Present

- Developed a mobile app to help illiterate deaf children in Pakistan learn sign language through real-time gesture recognition, addressing the needs of **95%** of the illiterate deaf population.
- Integrated animated lessons, increasing engagement by **60%** and improving learning retention among users.
- Designed an educator dashboard that improved student progress tracking by **75%** through real-time accuracy analysis.

Supernova Sol. Website (Client Project)

Developed using React, Vite, Tailwind CSS, Express, and Node.js.

July 2025

- Delivered a production-ready web solution with dynamic animations to enhance user engagement and brand visibility.
- Developed **REST API** in Express to serve service data and form submissions.

Medicare Center

Medicare Center

Developed using HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Google Meet API

April 2024

- Developed a telemedicine platform with appointment scheduling, record management, and real-time video consultations via **Google Meet API**.