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 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, Postman, Vs Code

EXPERIENCE

Software Engineer – CoreX Tech   June 2025 – July 2025

- 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   Medium — GitHub

FYP - (React Native, Node, Express, MongoDB, Python, Flask, OpenCV)   September 2024 - May 2025

- 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   Medium — Medicare Center

Developed using HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Google Meet API   April 2024

- Developed a telemedicine platform to make healthcare accessible to everyone, increasing reach by **30%** for patients far from hospitals or clinics.
- Designed features like appointment scheduling, secure medical record management, and real-time video consultations via the **Google Meet API**, improving virtual consultation efficiency by **50%**.
- Medicare Center removes barriers such as travel, time constraints, and accessibility issues, making medical care more convenient and reliable, enhancing overall patient accessibility by **40%**.