Hitesh Bansal

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Academic Qualifications

| Year | Degree/Certificate | Institute | CGPA |
|---------|----------------------------------|-------------------------------------|----------|
| 2021 - | 4 year B-Tech course in Computer | J.C. Bose University of Science and | 8.34 /10 |
| Present | Engineering | Technology YMCA, Faridabad | |
| 2020 | Class XII (CBSE) | Modern Delhi Public | 95.4% |
| | | School | |

Courseworks

- Data Structures & Algorithms - Operating Systems - Machine Learning - Database Management

- OOPS Concept - Artificial Intelligence - Web Development

Internships & Projects

Web Developer / Suvidha Foundation:

Oct 2023 - Nov-2023

- Developed robust functionality using the MERN stack, implementing CRUD operations to ensure data management and integrity.
- Leveraged MongoDB, Express, Bcrypt, Nodemailer, React JS, and Postman to deliver efficient and secure solutions
- Gained strong skills in managing databases, implementing authentication, and developing communication features, ensuring seamless API integration.

Tech-Coordinator / India's International Science Festival Challenge

17-Jan 2024 – 20 Jan 2024

- Served as Tech Coordinator for the IISF Challenge, managing and assisting 500 students in assembling the WEMOSAT project, in collaboration with various Indian ministries.
- Gained expertise in Team management and execution of planning working and collaborating in tight schedules to meet desired results.

M ay 2024 - June 2024

- Neighbourhood is a web application designed to connect local residents and foster community engagement.
- Developed using emerging technologies, including Next.js, MongoDB, Next.js Backend API, and aggregate pipelines
- Utilized Recoil for streamlined state management, enhancing response times, and configured MongoDB aggregate pipelines and Clerk authentication for efficient geolocation search and credential verification.
- Designed a user-friendly UI with seamless integration with Framer motion and NEXT UI components.

March 2024 - May 2024

- Developed an application for editing and fetching Markdown files, enabling real-time updates and custom changes via GitHub APIs..
- Utilized React and Microsoft Monaco Editor for fetching Markdown files, and implemented GitHub REST API for realtime output of code changes.

January 2024 - March 2024

- Developed a web application to centralize and store important links for organizations or individuals on a single, custom page with easy sharing and a responsive design.
- Implemented using a full-stack framework with Next.js and Next.js APIs for the backend. Utilized MongoDB for database integration and NextAuth for user authentication.

Awards and Achievements

- Secured an All-India Rank of 20094 among 1 million candidates in JEE Mains 2021.
- Contributed to open-source projects in HacktoberFest by DigitalOcean.
- Won Competition Hack-Squad 2023 with a collaborative team effort.
- Organized and lead Digi-Week (a technology-focused event) at college.
- Solved 300+ questions on Leetcode, Codeforces and Codechief.

Skills

- Languages: JavaScript / C++ / Python / C
- Technical Skills: Next.js / React / Redux / Node.js / Express.js / MongoDB / MySQL / OAuth / Stripe / DBMS / OOPS / JavaScript / CSS / HTML | State Management | Fire Base | Git | GitHub | Tailwind
- Skills: API handling / User Authentication / Authorization / Integration of Payment Gateways | Clerk | NPM.