Maharshi Vashistha

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EDUCATION

National Institute of Technology, Hamirpur — Hamirpur
Bachelor of Technology, Computer Science & Engineering, *CGPA: 9.2* — Dec 2020 - Present

WORK EXPERIENCE

Celebal Technologies — Hybrid
Summer Intern — Jun 2023 - Aug 2023
- Collaborated with the development team, implementing front-end technologies such as ReactJs, Vite, and NextJs.
- Spearheaded collaborative code reviews, aligning with senior developers to implement cutting-edge industry practices; boosted code quality metrics by 30%, ensuring enhanced maintainability, scalability, and performance of the software system.

Indian Institute of Technology Bombay — Onsite
Research Intern — Dec 2022 - Jan 2023
- Studied 10+ research papers on self-adjusting data structures, with a focus on studying and implementing Splay Trees.
- Collaborated with students and professors to understand the foundations and applications of self-adjusting data structures.

Fly Media Network — Remote
ReactJS Intern — Apr 2022 - Jun 2022
- Implemented 20+ React components, contributing to creating responsive web applications.
- Collaborated with a cross-functional team of 3 members along with the project lead to deliver high-quality within deadlines.
- Actively participated in code reviews, offering feedback and suggestions to enhance code quality and maintainability.

PROJECTS

Medium Clone (*ReactJs, TypeScript, Prisma, PostgreSQL, Cloudflare Workers, Zod, JWT*) — Live Preview | Github
- Architected React-based front-end, elevating user experience and boosting engagement metrics by 50%
- Implemented JWT authentication for robust security and harnessed Cloudflare Workers on the back-end, enabling seamless connectivity with PostgreSQL database through Prisma ORM..

Gapshap (*ReactJs, Firebase*) — Live Preview | Github
- Built a mobile-first chat-room application using ReactJS, with a focus on creating a simple user interface.
- Integrated Authentication for secure user registration and login functionality, while leveraging Firestore to enable real-time messaging capabilities.

NITH Online Internship Document Signing (*ReactJs, CSS3*) — Github
- Devised key front-end components for the platform, ensuring an intuitive and user-friendly interface.
- Followed industry-standard software engineering practices for streamlined development, including version control, code reviews, and agile methodologies.

SKILLS

Programming Languages	C / C++, JavaScript, TypeScript, SQL, HTML, CSS
Technologies and Frameworks	Git, Firebase, MongoDB, Express.js, ReactJs, NodeJs, NextJS, PostgreSQL, Prisma, Recoil, Cloudflare Workers
Relevant Coursework	Data Structures, Algorithms, DBMS, OOP, Operating Systems,

LEADERSHIP AND ACTIVITIES

CSEC NITH — *Coordinator*
- Designed problems and wrote editorials for monthly programming contest **Heuristics**.
- Conducted programming meets and workshops.

GLUG NITH — *Volunteer*
- Organised **Software Freedom Day** 2022 and promoted Free and Open Source Software (FOSS)
- Installed various Linux distributions on 50+ systems.

Public Relations Club NITH — *Secretary*
- Hosted **Hillffair & Nimbus** the annual cultural and technical fest respectively.
- Worked for campus outreach programs and conducted events such as **Innovision, Fall Fiesta, March into Spring**.
- Lead a team of 70+ participants for the activities as mentioned above.