Pranav Prasad

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Education

Techno India Salt Lake, B Tech in Electronics and Communications   Sept 2021 – June 2025
- GPA: 8.2/10

Techno India Group Public School, CBSE
- Score: 81.2%

Experience

SIH Hackathon   Sept 2023 – Nov 2023
- Led and managed a team in the SIH hackathon, building a prototype for an AICTE portal serving students and teachers in AICTE-affiliated colleges.
- Developed the frontend using JavaScript, HTML, CSS, React, and Tailwind, enhancing user experience and interface design.

Tech Lead at Code X   July 2023 – Present
- Spearheaded a coding club dedicated to assisting members and students with challenges in Data Structures and Development.
- Coordinated collaborative projects to foster teamwork and hands-on learning among club members.

Projects

Digital Void   Mar 2024 – May 2024
- Engineered a scalable web server to efficiently manage high volumes of concurrent web requests for a dynamic e-commerce platform.
- Integrated Stripe API to securely process payments, ensuring safe and reliable transactions for users.
- Optimized data management and storage using MongoDB, enhancing backend performance and user interaction efficiency.
- Tools Used: JavaScript, React JS, Node JS, Express JS, MongoDB.

Coders Hub   Aug 2023 – Nov 2023
- Developed a user-friendly platform enabling account creation and problem-solving for coding enthusiasts.
- Architected the frontend with React, enhancing user interface and interaction efficiency.
- Developed a robust backend with Node.js and Express and implemented MongoDB for efficient data storage and retrieval, optimizing processing and management of coding challenges.
- Tools Used: JavaScript, HTML, CSS, React JS, Tailwind, Node JS, Express JS, MongoDB.

Skills

Languages/Tech: C, C++, JavaScript, TypeScript, Python, React JS, Node JS, HTML, CSS, MongoDB, SQL.

Fundamentals: Data Structures and algorithms, OOPS, Computer Networks, Operating System, DBMS.

Soft Skills: Problem Solving, Teamwork, Leadership, Critical Thinking, Writing.

Achievements and Awards

Google Cloud : Successfully completed the Google Cloud Career Practitioner Pathway, gaining proficiency in cloud computing technologies.

Third Prize, Emerge hackathon: Secured third place in the departmental Emerge Hackathon, demonstrating exceptional problem-solving and innovative skills.