Suman Debnath

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Education

Bachelor of Technology in Computer Science Engineering

Shri G. S. Institute of Technology and Science, Indore, India   Dec 2021 - June 2025

Relevant Coursework: Data Structures, Algorithms, Object Oriented Programming (OOPS), Web Development, Machine Learning, Agile Software Development

Experience

Software Engineer

Ascentt AITek Pvt. Ltd., Indore   May 2025 - Present

- As a Software Engineer at Ascentt, I work as a full-stack developer, building scalable frontend and backend solutions. I also contribute to DevOps processes and UI/UX design, ensuring seamless deployment and intuitive user experiences.

Internships

Trainee Engineer

Ascentt AITek Pvt. Ltd., Indore   Feb 2025 - May 2025

- Developing a responsive and dynamic front-end interface for Ascentt's new Agent AI products using Next.JS, Tailwind CSS, and TypeScript.
- Contributed to other small-scale projects.

Website Development Intern

Endoenergy Systems Pvt. Ltd., UK   Jun 2024 - Sep 2024

- Researched and analyzed data on website structures and content and created a comprehensive website structure for the Endoenergy Official website.
- Made Figma designs and mockups for the endoenergy website.

Projects

Codemon: An offline web-based code compiler | *GITHUB*   Aug 2024

- A web platform that provides a playground for C++ and Java Code compilation and a problem-solving section that provides questions and matches the code with test cases, all without Internet in a LAN server.
- *Technologies used*: **NextJS, TypeScript, Linux Programming, ExpressJS, NodeJS, MongoDB, Docker, ReactJS**

Technical Skills

- **Programming Languages**: TypeScript/JavaScript, Dart, Java, Python, C/C++, HTML, CSS, SQL
- **Web Development**: ReactJS, NextJS, Tailwind CSS, Django, FramerMotion, Bootstrap, Shadcn
- **App Development**: Flutter, ElectronJS, GitHub Project Management
- **Backend Development**: NodeJS, ExpressJS, Spring Boot, FastAPI, MongoDB, Firebase, Tomcat
- **Cloud and DevOps**: AWS (EC2, Lambda, S3), Docker, Vagrant, Shell Scripting, Linux Programming
- **Developer Tools**: Android Studio, VS Code, Git, GitHub, Postman, PyCharm

Leadership/Extracurricular Activities

E-Cell, SGSITS - Head of Web Development   2023 - 2024

- Contributed to the development of E-Cell, SGSITS official website, and conducted E-SUMMIT, Central India's Largest Entrepreneurship Fest.

GS Production House, SGSITS - Head of Design   2023 - 2024

- Designed graphics for social media and printables on behalf of the club, conducted college-level events to showcase media production.