

Nikhil Sharma

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EXPERIENCE

- **Diskovalist** Remote
IT Intern *June 2025 - Present*
 - Developed full-stack features using Next.js, TypeScript, and PostgreSQL, building reusable APIs and structured schemas to streamline frontend-backend integration.
 - Implemented robust schema validation with Zod and custom React hooks, improving code reusability, type safety, and maintainability across the project.
 - Automated data extraction workflows by parsing PDFs with regex and storing structured records in PostgreSQL, enhancing efficiency of data management processes.
- **Beyond Career** Remote
SDE Intern *February 2025 - March 2025*
 - Implemented Google Sign-In authentication on login and registration pages, enhancing user onboarding experience and security.
 - Organized the codebase using the MVC (Model-View-Controller) pattern, ensuring better scalability and maintainability.
 - Designed and developed RESTful APIs using Node.js and Express.js, enabling seamless communication between frontend interfaces and backend services.

PROJECTS

- **ChatSphere** January 2025
HTML, CSS, JavaScript, Node.js, Express, MongoDB
 - **Emphasis:** ChatSphere is a real-time chat app using Node.js, Express, and Socket.IO for instant messaging. It features JWT authentication, MongoDB storage, Cloudinary media sharing, and an MVC architecture for scalability.
 - **Features:** Utilized technologies such as EJS, CSS, and JavaScript to create a responsive and user-friendly interface.
 - * Real-Time Messaging – Powered by Socket.IO, users can send and receive messages instantly.
 - * Room-based Chat – Users can join specific chat rooms for focused discussions
 - * Express.js Backend – Built with MVC architecture for clean and scalable code.
- **Farm Flood Aid [Website]** October 2024
HTML, CSS, JavaScript, Node.js, Express, MongoDB
 - **Emphasis:** Developed and deployed a Flood Management website to assist farmers in Myanmar during severe flood conditions. Implemented features like a chatbot for support, a marketplace for surplus crop sales, and NGO contact information.
 - **Features:** Utilized technologies such as HTML, CSS, and JavaScript to create a responsive and user-friendly interface.
 - * Implemented a chatbot to provide real-time assistance on flood management, waterlogging reduction, and contact information.
 - * Designed a marketplace for farmers to sell surplus crops, reducing wastage and fostering collaboration with NGOs.
 - * Integrated NGO contact information to ensure farmers can easily access aid and support during emergencies.

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, Python
- **Tools:** Git, GitHub Actions, Google Cloud, MongoDB, MySQL, AWS, Firebase, Supabase
- **Frameworks/Libraries:** Node.js, Express, React

ACHIEVEMENTS

- Community Impact Award Winner at the Myanmar Flood Response Hackathon hosted on Devpost for the project "FarmFloodAid".
- HackerRank level 5 C++ Programmer. [HackerRank Profile](#)
- Postman Fundamental Student Expert.
- Google Cloud Arcade Program Participant: Completed 150 labs in the Google Cloud Arcade program.
- Attained the badge of [Google Cloud Skill badge](#).

EDUCATION

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| ◦ Chandigarh University | Mohali, Punjab |
| ◦ <i>Bachelor of Engineering - Computer Science; CGPA: 8.77</i> | <i>September 2023 – Expected June 2027</i> |
| ◦ Govt. Model Sr. Sec School, 37-B | Chandigarh |
| ◦ <i>Secondary School Education (Science); Percentage: 76</i> | <i>July 2021 – May 2023</i> |
| ◦ Stepping Stones Sr. Sec. School, 37-D | Chandigarh |
| ◦ <i>High School Education; Percentage: 89.9</i> | <i>July 2007 – April 2021</i> |