

Nikhil Sharma

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EXPERIENCE

- **Diskovalist** Remote
IT Intern *June 2025 – September 2025*
 - Developed full-stack features using Next.js, TypeScript, and Supabase, 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 Supabase, 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:**
 - * Real-Time Messaging – Powered by Socket.IO for instant communication.
 - * Room-based Chat – Users can join dedicated chat rooms.
 - * Express.js Backend – Built using MVC for clean, maintainable 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. Included chatbot support, marketplace, and NGO contact access.
 - **Features:**
 - * Real-time chatbot to assist with flood management and support.
 - * Marketplace for farmers to sell surplus crops.
 - * Integrated NGO contact system for emergency aid.

TECHNICAL SKILLS

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

ACHIEVEMENTS

- Community Impact Award Winner at the Myanmar Flood Response Hackathon hosted on Devpost for the project "FarmFloodAid".
- Microsoft Certified: Azure Fundamentals (AZ-900) — Scored **928/1000** [\[View Credential\]](#)
- Postman Student Expert.
- Google Cloud Arcade Program Participant — Completed 150 labs.

EDUCATION

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