

Shan Sihogia

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[LinkedIn](#) | [GitHub](#)

EDUCATION

Indian Institute of Information Technology
B.Tech in Information Technology (Avg. GPA: 7.5)

Sonepat, India
2022-2026

TECHNICAL SKILLS

- **Languages:** C++, Java, JavaScript, Python, typescript
- **Frontend:** React.js, Next.js, TailwindCSS
- **Backend:** Express.js, Node.js, Nest.js
- **Databases:** MongoDB, PostgreSQL
- **DevOps:** Docker, Kubernetes

PROJECTS

Collaborative - Whiteboard

[GitHub](#)

- Built a full-stack real-time application using React, Node.js, and Socket.IO for seamless client-server communication.
- Developed a collaborative canvas that synchronizes drawing actions instantly across multiple users via WebSockets.
- Engineered a clean and responsive UI with TailwindCSS and managed application state using core React hooks (useState, useEffect, useRef).
- Managed project lifecycle from concept to deployment, including Git version control and GitHub for collaboration and portfolio presentation.

Multi-Agent Backend System

[GitHub](#)

- Built two intelligent backend agents (SupportAgent & DashboardAgent) using CrewAI for query handling and analytics.
- Integrated MongoDB and external APIs to manage clients, orders, payments, and services.
- Implemented natural language support for operations like order creation, status checks, and metric reports.
- Added analytics like revenue tracking, enrollment trends, and attendance reports for dashboards.
- Designed scalable API endpoints and integrated RAG techniques for enhanced retrieval.

LEADERSHIP & EXTRACURRICULARS

Sports Coordinator - AGNITO Sports fest

March 2025

- responsible for the smooth conduct of the intra-college sports fest
- lead a team of 12 sports committee members

ACHIEVEMENTS

- Solved 400+ coding problems across multiple competitive programming platforms, including LeetCode, CodeForces, and CodeChef.
- Qualified JEE Advanced 2022 (rank - 12891).