Shan Sihogia

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LinkedIn | GitHub

EDUCATION

Indian Institute of Information Technology   Sonepat, India
B.Tech in Information Technology (Avg. GPA: 7.5)   2022-2026

TECHNICAL SKILLS

- **Languages**: C++, Java, JavaScript, Python, typescript
- **Frontend**: React.js, Next.js, TailwindCSS, grid, flexbox, Flutter
- **Backend**: Express.js, Node.js, Nest.js
- **Databases**: MongoDB, PostgreSQL
- **DevOps**: Docker, Kubernetes
- **Data Science**: Scikit-learn, Numpy, Pandas, OpenCV

PROJECTS

Personal Portfolio Site   GitHub | Live Site

- Engineered and deployed a personal portfolio site using Next.js, showcasing projects, skills, and achievements.
- Demonstrated full-stack proficiency by building an interactive "Ask Me Anything" feature with a Next.js API route and the Gemini API.
- Successfully managed end-to-end deployment, resolving file size constraints using Git LFS and deploying the live site to Vercel.
- Implemented modern UI/UX with Tailwind CSS and a dynamic dark/light theme toggle.

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 | Live Demo

- 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).