Sahaj Jain

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Education

VIT Bhopal University — Bhopal, India
Integrated M.Tech in Artificial Intelligence & Machine Learning — *2022 – 2027*
- CGPA: 8.3/10.0

IBS Global Academy — Ujjain, India
Senior Secondary (12th), CBSE Board — *2022*
- Percentage: 81%

St. Thomas School — Ujjain, India
Secondary (10th), ICSE Board — *2020*
- Percentage: 89%

Projects

Neurotask: AI File Organizer — Feb 2025 – Mar 2025
- **GitHub:** https://github.com/SahajJain777/neurotask
- Developed AI-powered file organization system that intelligently reads and restructures user directories based on deep content analysis and contextual understanding using Large Language Models
- Engineered sophisticated semantic analysis engine that performs comprehensive file directory scanning, analyzing content at granular level to understand file relationships, themes, and organizational patterns
- Implemented dynamic folder creation algorithm leveraging LLM APIs to generate meaningful hierarchical structures, automatically categorizing files based on content semantics rather than traditional naming conventions

RoundRobin: Coupon Distribution System — Oct 2024 – Nov 2024
- **Live Demo:** https://roundrobin-livid.vercel.app/
- Built full-stack web application for distributing unique coupons to users in fair, round-robin manner using React (Vite) frontend and Node.js/Express/MongoDB backend with secure REST API endpoints
- Implemented comprehensive abuse prevention system with 1-hour waiting period between claims tracked via cookies and IP addresses, plus automatic backend seeding of 25 unique coupon codes on first run
- Developed modern responsive UI with React, Framer Motion animations, and Toast notifications, enabling users to claim unique coupon codes one at a time with real-time status updates

ChatSphere: AI-Powered Chat Interface — Aug 2024
- **Live Demo:** https://chatsphere01.vercel.app/
- Designed and developed modern, responsive chatbot interface integrating Google's Gemini API for intelligent, context-aware conversations
- Built with React/Vite architecture featuring real-time message streaming, persistent conversation history, and optimized state management
- Implemented advanced UI/UX with Tailwind CSS including typing indicators, message timestamps, and smooth animations for enhanced user engagement

Technical Skills

Programming Languages: Python, JavaScript, C++, SQL
Data Science & Analytics: Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib
Data Visualization: Power BI, Seaborn, Matplotlib, Plotly
Web Development: React, Node.js, Express.js, MongoDB, HTML/CSS, Tailwind CSS, Vite
Development Tools: Git, GitHub, Postman, VS Code, Linux, Framer Motion
Cloud & DevOps: IBM Cloud, Docker (Basic), CI/CD (Basic)
AI/ML Technologies: Large Language Models (LLMs), Gemini API, Natural Language Processing, Semantic Analysis