Siddharth Jain

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EDUCATION

University School of Information, Communication and Technology — Delhi, India
Bachelor of Technology - Computer Science & Engineering — September 2023 - August 2027
Overall CGPA: 8.12

Delhi Public School R.K.Puram — Delhi, India
Central Board of Secondary Education (95.6%) — April 2019 - March 2023

SKILLS

Programming Languages	C, C++, Python, JavaScript, TypeScript, Go, Solidity
Frontend Development	HTML, CSS, React.js, Next.js, Zustand, Axios, TailwindCSS, Bootstrap
Backend Development	Node.js, Express.js, FastAPI, Flask, Socket.io, JWT
Databases	MongoDB, PostgreSQL, Supabase, MySQL, Redis
Data Science	Machine Learning, Neural Networks, Scikit-Learn, TensorFlow
Tools	Git, GitHub, Docker, AWS, Vercel, Render

WORK EXPERIENCE

Vaultify.club — Remote
Software Development Intern — June 2025 - September 2025

- Developed and maintained **full stack web applications** using **Next.js**, enhancing user experience and functionality.
- Leveraged **AWS Bedrock** models (Claude, Llama 2, Titan) integrated with **Lambda**, **WAF**, **Textract**, **S3**, and **Kendra** for scalable **Generative AI** applications.
- Designed and implemented smart contracts using **Solidity** on the **Ethereum Blockchain**.

PROJECTS

Pokémon App — Online Tracker for Co-operative Pokémon Games — Live Demo GitHub

- Designed a user-friendly dashboard in **Next.js** that features advanced filtering options, team timeline visualization, and an automated partner Pokémon linking system, enhancing user interaction and data management for **25+ registered users**.
- Developed a comprehensive resource application backed by **MongoDB** and **Supabase (PostgreSQL)** for **authentication** along with multi-level information storage and retrieval, ensuring efficient data handling and seamless integration.

Cypher — Lightweight, Feature Rich, Terminal-based Text Editor — GitHub

- Developed a terminal-based text editor in **C programming language** with advanced editing features including **navigation**, **search**, and **multi-level undo/redo**, built from scratch for efficient text manipulation and user-friendly experience.
- Implemented **clipboard operations** and integrated **mouse support** within the terminal, enabling seamless copy-paste functionality and cursor control for improved usability beyond traditional keyboard-only interactions.

Vero Chat — Web-based Real Time Chatting Platform — Live Demo GitHub

- Developed a real-time chat application that allows instant bidirectional messaging between users using **Next.js**, **MongoDB**, and **Socket.io**, ensuring low-latency communication and persistent message storage for ongoing conversations.
- Supported reliable real-time communication for **10+ active users** concurrently, maintaining responsive message delivery and stable connections during active chat sessions.

Sepolia Faucet — Web Platform for Sepolia Test-coins Distribution — Live Demo GitHub

- Developed a faucet application with a public frontend to dispense daily drips of **Sepolia test-coins**, facilitating easy access to testnet **Ethereum** for developers.
- Built the smart contract using **Solidity** and **Hardhat**, and deployed the web application on **Vercel**, ensuring seamless interaction with the Sepolia testnet and an accessible user experience for test coin distribution.

ACHIEVEMENTS AND CERTIFICATIONS

- Member of the **Google Developer Group (GDG)** community focused on **cloud development** and participant in the **Computing Machinery (ACM) Student Chapter** specializing in **data structures and algorithms (DSA)**.
- Solved **400+ problems on Leetcode**.
- Scored **50/50 stars** in **Advent of Code 2024** with a best position of **50 out of 25000 competitors**.
- Udemy – **Web Developer Bootcamp** by Colt Steele.
- Coursera – **Supervised Machine Learning: Regression and Classification** by Stanford and DeepLearning.AI.
- Coursera – **Advanced Learning Algorithms** by Stanford and DeepLearning.AI.