Siddharth Jain

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EDUCATION

- **University School of Information, Communication and Technology, GGSIPU** — Delhi, India
  Bachelor of Technology - Computer Science & Engineering (CGPA: 8.12 / 10) — September 2023 - August 2027

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

SKILLS

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

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 **35+ 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 a 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 Testnet Coins Distribution — Live Demo   GitHub
- Developed a faucet application with a public frontend to dispense daily allocations of **Sepolia ETH**, facilitating easy access to testnet **Ethereum** for developers.
- Built the smart contract using **Solidity** and **Hardhat**, and deployed the web application on **Vercel**, secure wallet interactions and reliable connectivity with the Sepolia testnet.

ACHIEVEMENTS AND CERTIFICATIONS

- Member of the **Google Developer Group (GDG)** focused on **cloud development** and participant in the **Association for Computing Machinery (ACM) Student Chapter** specializing in **data structures and algorithms (DSA)**.
- Solved **400+ problems** on LeetCode with a **contest rating of 1777**.
- Achieved a **1572 contest rating on** Codeforces.
- Earned **74/74 stars** in Advent of Code **2024 & 2025** with a best position of **50 out of 25,000 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.
- Coursera – **Unsupervised Learning, Recommenders, Reinforcement Learning** by Stanford and DeepLearning.AI.