

Siddharth Jain

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EDUCATION

- University School of Information, Communication and Technology, GGSIPU** Delhi, India
Bachelor of Technology - Computer Science & Engineering (CGPA: 8.17 / 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

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|-----------------------|---|
| 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, Generative AI |
| System Design | Scalable Architecture, Microservices, RESTful APIs , API Integration |
| DevOps & Cloud | GitHub Actions, AWS Cloud Services, Vercel, Render, Docker, CI/CD Pipelines |
| Tools | Git, Figma, LaTeX, Linux |

WORK EXPERIENCE

- Vaultify.club** Remote
- Software Development Intern** June 2025 - September 2025
- Collaborated in an **Agile environment** to develop and maintain **full-stack web applications** using **Next.js**, enhancing user experience and functionality
 - Integrated **AWS Bedrock** models (Claude, Llama 2, Titan) 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**, reducing manual data entry by **40%**.
 - Developed a 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**, optimized for high performance with **25% faster file loading** than GNU Nano.
 - 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 using **Next.js**, **MongoDB**, and **Socket.io**, achieving **sub 100ms latency** for bidirectional messaging.
 - Scaled the platform to support **20+ concurrent active users** while maintaining **100% message delivery reliability** during peak 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**, successfully distributing **100+ Sepolia ETH** to developers over a 3-month period.
 - 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 **top 0.2% (50/25k+)**.
- 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.