

Siddharth Jain

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EDUCATION

- **University School of Information, Communication and Technology, GGSIPU**

Bachelor of Technology - Computer Science & Engineering (CGPA: 8.17 / 10)

Delhi, India

September 2023 - August 2027

- **Delhi Public School, R.K.Puram**

Central Board of Secondary Education (Marks: 95.6%)

Delhi, India

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, 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 Pokémons Games

[Live Demo](#) [GitHub](#)

- Designed a user-friendly dashboard in **Next.js** that features advanced filtering options, team timeline visualization, and an automated partner Pokémons 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.