Siddharth Jain

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EDUCATION

- **University School of Information, Communication and Technology, GGSIPU** — Delhi, India
  Bachelor of Technology - Computer Science & Engineering (CGPA: 8.2 / 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
AI & Machine Learning	Generative AI, Machine Learning, Deep Learning, Scikit-Learn, TensorFlow, NLTK
System Design	Scalable Architecture, Microservices, RESTful APIs , API Integration
DevOps & Cloud	GitHub Actions, Amazon Web Services (AWS), Vercel, Render, Docker, CI/CD Pipelines
Tools	Git, Postman, 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.

Best Buy Sentiment Analyzer — Web Scraping & Data Analysis Tool — GitHub
- Engineered a hybrid sentiment analysis pipeline using **Selenium**, **TextBlob**, and **NLTK VADER**, processing **10,000+ customer reviews** to uncover actionable product insights visualized via **Matplotlib** and **Seaborn**.
- Developed an automated scraper with **undetected-chromedriver** to bypass anti-bot measures, achieving a **100% data extraction rate** across dynamic, infinite-scrolling pages.

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.