Sarthak Upadhyay

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EDUCATION

Dayananda Sagar Academy of Technology and Management — Bangalore, India
Bachelor of Engineering in CSE, AI Specialisation — *Sep. 2023 – Current*

Fatima Sr. Sec. School — Gonda, India
Higher and Senior Secondary Education — *2018 – 2022*

EXPERIENCE

Member, Android Application Developer — June 2024 – Present
Maker Space Club — *DSATM, Bangalore, India*

- Worked on an android application managing calls and battery health optimisation.
- Improved and corrected existing software and system applications.
- Conducted studies on nuanced features of unique platforms to lead team in development of applications tailored to Android and VMs.
- Tested databases and performed bug fixes in the routing and API interactions.

PROJECTS

Wisp — Nov 2024 – Present
Stack Used: *Rust, Tauri, Svelte, Bootstrap Icons*

- Built a lightweight, cross-platform text editor optimized for speed and simplicity.
- Used Rust and Tauri for native performance and enhanced desktop application security.
- Designed a clean, responsive UI with Svelte and TailwindCSS.
- Integrated CodeMirror for syntax highlighting, customizable keybindings, and smooth editing experience.

Glyph — Jun 2024 – Present
Stack Used: *SvelteKit, PostgreSQL, TailwindCSS*

- Developed a privacy-focused pastebin service with syntax highlighting for code and text.
- Implemented seamless routing and server-side rendering using SvelteKit.
- Utilized PostgreSQL as the core database to manage and retrieve shared content.
- Built a minimal frontend with fast load times, no tracking, and user-first design.

ACHIEVEMENTS

Secured first place in **Almatron CypherQuest 2024**, a two-round inter-college coding competition organized by DSATM, focused on algorithmic problem-solving and coding accuracy.

Ranked 15th among top contributors in **Vinyasa Summer of Code (VSOC 2024)**, a month-long open-source camp by DSATM's CSD Department, involving consistent contributions to real-world codebases.

TECHNICAL SKILLS

Languages: Python, Rust, TypeScript, JavaScript, C, Java, Scala, HTML, CSS, SQL
Frameworks: Svelte (Kit), FastAPI, Rocket.rs, Flask, Express.js, React, Next.js, Django, React Native
Databases: PostgreSQL, MySQL, MongoDB, SQLite3, Redis, Supabase
Developer Tools: Git, GitHub, VSCode, Zed, Neovim, Bash/Zsh/Fish shells, Vercel, Render
Libraries: pandas, NumPy, Matplotlib, Tensorflow, Keras, asyncio

CERTIFICATIONS

The Complete Full-Stack Web Development Bootcamp (by Angela Yu) — Udemy	*Jul 2025*
Everything You'll Need to Know About Git (by The Primeagen) — Frontend Masters	*Mar 2025*
Prompt Engineering Safety & AI Engineering Safety Expert Certification & Assessment — MTF Institute	*Jul 2025*
Hands on GitHub Action Event (by Microsoft Student Ambassadors program)— Github Education	*Oct 2023*