Sarthak Upadhyay

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EDUCATION

Dayananda Sagar Academy of Technology and Management   Bangalore, India
Bachelor of Engineering in CSE, AI Sepcialisation   *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.
- Collaborated closely with team members to achieve project objectives and meet deadlines.

PROJECTS

Wisp | *Rust, Tauri, Svelte*   Nov 2024 – Present

- Developed a lightweight, cross-platform text editor with a focus on speed and simplicity
- Used Rust and Tauri to build a secure and efficient desktop application with native performance
- Implemented the frontend in Svelte and TailwindCSS for a responsive, minimal UI
- Integrated CodeMirror for rich code editing features including syntax highlighting and keybindings
- Packaged and distributed the app as a standalone binary with zero runtime dependencies

Glyph | *SvelteKit, PostgreSQL*   Jun 2024 – Present

- Developed a fast, minimal pastebin service for sharing code and text snippets with syntax highlighting
- Built the frontend and backend using SvelteKit, enabling seamless routing and server-side rendering
- Used PostgreSQL as the primary datastore.
- Designed a privacy-first experience with no analytics, tracking, or ads

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