

Siddharth S Singh

me@shantaram.xyz

- <https://shantaram.xyz>
- [GitHub profile](#)

Languages spoken: English (*fluent*), Hindi (*native*), Tamil (*conversational*)

I am a freelance software engineer with an interest in web development. I have a passion for open-source software, and enjoy making things that improve the lives of people or spread happiness in the world.

Education

- Graduated with a B.Tech degree in Electrical and Electronics Engineering from VIT University, Chennai (2020 – 2025, CGPA: 7.55).
- Graduated from Army Public School, Chennai in 2020 with 91% marks.

Skills

- Proficient in **Python**, **TypeScript**, **JavaScript**, **HTML5**, and **CSS**
- Working knowledge of **Rust**, **C**, **Java**, **Svelte**, and **Angular**
- Experienced with **Vue.js**, **React**, and front-end ecosystems
- Working knowledge of **git** for version control
- Proficient with setting up, using, and troubleshooting Linux systems
- Comfortable with **bash** scripting and the command line
- Knowledge of network utilities such as **ssh**, **nmap**, **netcat**, etc.

Hobbies

- Reading (fiction, mostly)
- Creative writing
- Listening to music
- Playing Dungeons and Dragons
- Filmmaking
- Programming (recently focusing on Rust and TypeScript)

Work Experience

- **Founder, *The Attention Button* (2023 – present)**
 - Conceived, designed, and built an IoT hardware product for long-distance connection.
 - Managed CAD design, electronics, firmware, backend, and website.
 - Shipped working Wi-Fi connected devices with open-source firmware and public launch.
- **Freelance Software Engineer (2019 – present)**
 - **Fractional Finance (later Frabric)** – Built Vue.js/Ethereum integrations for decentralized finance platform.
 - **Ready Cloud Consulting** – Developed Angular front-end components for enterprise clients.
 - Maintained multiple client projects and independent contracts focused on full-stack development.
- **Weavr DAO, Front-end Engineer (2022)**
 - Refactored and updated Vue.js codebase, building front-end components to interface with blockchain contracts.
- **Girl Up VIT Chennai, Technology Secretary (2021 – 2022)**
 - Built the [Grant-A-Wish](#) site.
- **Web development, freelance (2019 – 2021)**
 - [Portfolio](#)

Selected Projects

- [The Attention Button](#) – IoT desk toy for long-distance relationships. [GitHub](#)
 - [Writers Jam](#) – Weekly writing exercises for writers. An anti-social network. [GitHub](#)
 - [Rite](#) – Distraction-free word processor and cloud backup service. [Editor source](#), [Cloud source](#)
 - [Campfire](#) – A reactive web framework to simplify DOM work. [GitHub](#)
 - [Tetron](#) – A small game engine built in Rust.
 - [COVID-19 Resources](#) – Live-updating resource finder using Google Sheets, served 2500+ people during India's second wave of the COVID pandemic. [GitHub](#)
 - [pseudows](#) – Fake Windows 98-style desktop environment. [GitHub](#)
 - [stupid-simple-kv](#) – Simple Rust key-value store with pluggable backends.
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