Siddharth S Singh

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- 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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