Hello,
I'm Pratham Patel

I am on [GitHub](#) and [GitLab](#) as `thefossguy`
You can reach out to me at prathampatel@thefossguy.com

Skills

- I write code in Rust, C and Python
- I am familiar with the following technologies:
    - Linux CLI (Bash and GNU shell utils)
    - Git
    - Docker/Podman
    - Nix (package manager, language and OS; all three)
    - ZFS
    - RHEL and Arch Linux's package build systems
- I host my own personal [Gitea instance](#) and a [blog](#) at `(git|blog).thefossguy.com`

Experience

October 2023 - Present
OLA Krutrim, Bangalore – *Software Engineer (Remote intern)*

- Continuation of the (internal) **x86 to RISC-V binary transpiler** from Bodhi Computing's acquisition
- Worked with the `sched_ext` eBPF feature to create a **custom kernel scheduler** for internal purposes

July 2023 - August 2023
Bodhi Computing, Bangalore – *Software Engineer (Remote intern)*

At Bodhi Computing, my sole goal was to work on an x86_64 to RISC-V binary transpiler.

May 2023 - Present
Rocky Enterprise Software Foundation (RESF) – *FOSS volunteer*

At RESF, I volunteer in ensuring that Rocky Linux (a RHEL clone) works smoothly on some ARM64 boards that I own. I also help with some testing during releases of Rocky Linux.

October 2021 - Present
It's FOSS – *Technical writer (freelance)*

At It's FOSS, I write articles covering Linux-adjacent topics like Git, Vim and other CLI tools. I have written a [micro-course on Rust-lang](#) and a few [tutorials on Red Hat's Podman](#).

Education

- **(pursuing) B. Tech in CSE-AI** from ITM BU at Vadodara (September 2021 - May 2024)
- **Diploma in CSE** from Sigma Institute of Technology and Engineering