Pratham Patel

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SKILLS

- Version control – git (GitHub and GitLab profiles)
- Programming in **Rust** and **C** (*sans Makefiles*)
- Shell scripting in Bash and POSIX shell when necessary
- Literate in Python and some C++
- Beginner level knowledge of the Linux Kernel internals (wrote a simple chardev)
- Familiar with packing the Linux kernel for RHEL, Arch Linux and Debian
- Hands-on experience with **RHEL**, **NixOS**, **Arch Linux** and **Debian**
- Container management using Docker and Podman (as a home-lab guy)
- **Can-do attitude, always ready to learn and get hands dirty**

EXPERIENCE

Software Engineering Intern at **Bodhi Computing** (July 2023 - August 2023)

Collaborated with team members on a project for converting x86 ELF binaries to RISC-V ELF binaries, **from scratch**. This taught me a lot about the process of software development in a professional context.

RESF/Rocky Member (May 2023 - Present)

Active member in the AltArch SIG. Supporting Rocky Linux on SBCs like Rock 5B and Orange Pi 5 SBCs (mainly by **packaging the upstream Linux kernel**). I also helped with a RISC-V port but that was dropped indefinitely due to the lack of necessary resources.

Technical Writing Intern at **It's FOSS** (October 2021 - Present)

At It's FOSS, I wrote technical documentation in an easy-to-understand language on topics like Vim, Git and performing administration tasks from the CLI. I also wrote a micro course on Rust and a few tutorials about Podman.

EDUCATION

- **B.Tech in CSE** at ITM Baroda University (September 2021 - Present)
- **Diploma in CSE** at Sigma Institute of Technology and Engineering