





Rithul Kamesh

 github.com/rithulkamesh  rithul.dev  linkedin.com/in/rithulkamesh  hi@rithul.dev

EDUCATION

PES University

B.Tech. Electronics and Communication

August 2023 - May 2027

BGS National Public School

March 2023

SKILLS

Rust: Comfortable with Emulation, Systems development and Embedded development.

C/C++: Skilled in programming Arduino-based microcontrollers and graphics development.

TypeScript: Frontend development with Next.js, Mobile app development with React Native.

Python: Comfortable with using the language to automate common tasks.

Go: Proficient in engineering high-performance backend servers.

Linux: Capable of administering a Linux server, with daily use of Arch Linux as the preferred operating system.

EXPERIENCE

Aatmatrisha '24 | *Technical team*

Feb. 2024 - March 2024

- Helped in making the website for the yearly fest.
- Reorganized the ticketing system and worked on minted images.

PROJECTS

Pomoflow | *TypeScript, Next.js, Firebase*

<https://github.com/rithulkamesh/pomoflow>

- Built a collaborative pomodoro timer.
- Focused on building in the open along with hassle-free use.

Chippy | *Rust, SDL*

<https://github.com/rithulkamesh/chippy>

- Built a CHIP-8 Emulator over a weekend.
- Developed the project in the open with minimal dependencies.
- Learned how to emulate a system from scratch.

Ideabank | *Rust*

<https://github.com/rithulkamesh/ideabank>

- Built a CLI-based idea storing application.
- Focused on security and ease of use by using local markdown files.
- Gained knowledge on how to build CLI apps that are fast.

AWARDS

Hack Night | *ACM - PES University EC Campus*

Oct. 2023

Won 3rd place for making the most accepted contributions in an overnight hackathon.

Hashcode 12.0 | *PES Innovation Lab*

Mar. 2024

Qualified as one of the top 10 teams and won at a consolation level in a 24 hour hackathon.