

Ishan Grover

☎ +91 (873) 892 8892 | ✉ groverishan2004@gmail.com | 🌐 github.com/IshanGrover2004
🌐 linkedin.com/in/ishangrover2004 | 🐦 Ishangrover2004

EXPERIENCE

- **Google Summer of Code** · CCExtractor | [PROJECT](#) May 2024 - Current
 - **Migrated and rewrote** parts of the existing C codebase to Rust for better security.
 - Created a **Docker image** to simplify the usage of CCExtractor, eliminating environmental setup hassles.
 - Fixed and tested the existing C code by **writing unit tests** and running regression tests.
 - Worked with Rust, C, bindgen, Docker, testing
- **Rust Developer Intern** · *MakerStudio* April 2024 - Current
 - Developed **MonkMode**, a focus app in Rust, interacting with Dbus to manage notifications and create a distraction-free environment.
 - Contributed to **PickGap**, a product that analyzes user feedback and topics to identify market gaps.
 - Worked with Rust, Linux, dbus, diesel, tokio

OPEN SOURCE CONTRIBUTION

- **CCExtractor**
 - Initialize data structure for Rust CEA-708 decoder. [#1599](#)
 - Create Unit test case for all rust modules. [#1615](#)
 - Add SCC support to CEA-708 decoder. [#1595](#)
 - Create a Docker image for easy use of CCExtractor without any hustle. [#1611](#)
 - Create AppImage for building CCExtractor in Linux. [#1592](#)
- **i3status-rust**
 - Refactor code to unify package manager blocks (apt, pacman, aur, dnf) into a single "packages" block. [#1988](#)
 - Add xkbswitch support for keyboard layout. [#1985](#)

PROJECTS

- **Pass** | Password Manager (Rust) | [GITHUB](#)
 - A secure and user-friendly **CLI password manager**.
 - Uses secure and safe cryptography algorithms.
 - Successfully **tested with 1000 password entries** for demonstrating speed and performance.
- **LLM-Chat** | Chat API (Rust, Axum) | [GITHUB](#)
 - Developed an **fast API** for generating response from local LLM.
 - Uses **OpenLLaMA 3B model** for generating fast response.

EDUCATION

- **ABES Engineering College** · B.Tech, Computer Science 2022 - 2026 · 8.5 CGPA:
- **Kendriya Vidyalaya, UP** · Intermediate (PCM) 2020 - 2022 · Percentage: 77%
- **Kendriya Vidyalaya, UP** · High School 2019 - 2020 · Percentage: 86%

TECHNICAL SKILLS

Languages: Rust · C · C++

Familiar with: Bash script · Python · Haskell · HTML · CSS · JavaScript

Developer Tools: Linux · Git · Docker · NeoVim · Arch Linux · Tmux

Rust Crates Familiarity: tokio · bindgen · sqlx · axum · nom · serde · egui · dbus

Skills: OOPs · CLI Usage · Operating System · Computer Architecture · Data Structures & Algorithm · LLM

Interest: Low level programming · System programming · Embedded systems

POSITIONS OF RESPONSIBILITY

- **CodeChef ABESEC** · Developer Coordinator Aug, 2023 - Present
 - CodeChef ABESEC is a **coding club** which is actively organising coding events and sessions within college.
 - Organized various coding events having more than **400+ students** as audience.
 - Engaged in organizing coding challenges, workshops, and sessions.