

# Ayush Chauhan

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## EDUCATION

### Chitkara University

Bachelor of Engineering in Computer Science and Engineering; CGPA: 9.3

Rajpura, Punjab

Aug. 2024 – Present

### DAV Model School

Central Board of Secondary Education, Grade 11 and 12

Shalimar Bagh, Delhi

July 2021 – Apr. 2023

## EXPERIENCE

### Mentee - LF Decentralized Trust

Jun. 2025 – Present

Remote

#### LF Decentralized Trust

- Selected as a LFDT mentee for the "Designing and Implementing Trust Tasks" project through the LFX mentorship program
- Focusing on designing open source implementations of Trust Tasks to run in the layer 3 of the ToIP stack
- Working with Rust and Python and Trust Frameworks to build decentralized identity solutions

### Technical Lead

Sep. 2025 – Present

#### Open Source Chandigarh

Chitkara University, Rajpura, Punjab

- Leading the technical front of the core team of OSC, managing technical initiatives and mentoring team members
- Architecting and overseeing development of community projects and technical workshops
- Coordinating with cross-functional teams to organize workshops, speaker sessions and technical events

### Technical Team Member

Sep. 2024 – Sep. 2025

#### Open Source Chandigarh

Chitkara University, Rajpura, Punjab

- Collaborated with the Open Source Chandigarh team to promote FOSS and contribute to various projects during Hacktoberfest 2024
- Conducted workshops on Git and GitHub for students, onboarding 100+ students to open source
- Participated in the GitHub Innovation Rally, encouraging first-year students to explore open source
- Helped organize TechAbhyakti 3.0 Hackathon, a two-day frontend development competition

### Open Source Contributor

Aug. 2024 – Present

#### Open Source Contributor

Remote

- Actively and consistently contributed to multiple open-source projects for over a year, submitting fixes and feature requests

## PROJECTS

### Gitx | Golang, Bubbletea, Charm Stack, Hugo, GitHub Actions | GitHub

Jul. 2025 – Present

- Developed a powerful Terminal User Interface (TUI) for Git with interactive features to make version control more accessible
- Built with golang and the bubbletea framework from the charm stack, providing an intuitive interface for Git operations
- Collaborated on implementing a persistent configuration system, allowing users to customize app settings via a .toml file in their .config directory
- Implemented comprehensive documentation using Hugo with automated deployment
- Set up CI/CD pipelines with GitHub Actions for automated testing and releases

### http-server | Golang, net/http, encoding/json, httptest, gorilla/websocket | GitHub

Aug. 2025

- Built a web server from scratch using Go's standard net/http library
- Created RESTful API endpoints to record player wins (POST) and retrieve scores (GET)
- Implemented a persistent storage solution by reading from and writing to a JSON file (game.db.json)
- Wrote unit and integration tests using the httptest package to validate server responses and logic

## TECHNICAL SKILLS

**Languages:** Python, Rust, Go, Java, C, SQL (Postgres)

**Frameworks:** Django, FastAPI, Hugo, Gin, Bubbletea, Tauri, Textual

**Developer Tools:** Git, GitHub, GH-Actions, Docker, Azure, Linux, VS Code, NeoVim

**Libraries:** gorilla/websocket, tokio, OpenCV, pandas, NumPy