

# Ayush Chauhan

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## EDUCATION

### Chitkara University

*Bachelor of Engineering in Computer Science and Engineering; CGPA: 9.6*

Rajpura, Punjab

*Aug. 2024 – Present*

### DAV Model School

*Central Board of Secondary Education, Grade 11 and 12*

Shalimar Bagh, Delhi

*July 2021 – Apr. 2023*

## WORK EXPERIENCE

### Open Source Team Member, Open Source Chandigarh

Sep. 2024 – Present

*Chitkara University*

*Rajpura, Punjab*

- Collaborated with the Open Source Chandigarh team to promote open source software and contribute to various projects during Hacktoberfest 2024
- Collaborated with the Open Source Chandigarh team to conduct a workshop on Git and GitHub for students
- Participated in the GitHub Innovation Rally, where we encouraged the first year students of our campus to explore open source and activate their GitHub student accounts
- Onboarded 100+ students to GitHub and open source, helping them create their first pull requests
- Collaborated in organizing the TechAbhivryakti 3.0 Hackathon, A two day long hackathon where students showcased their frontend skills and created amazing projects

## PROJECTS/CONTRIBUTIONS

### [Gitx](#) | *Python, Textual, GitPython, MkDocs, GH Actions*

Mar. 2025 – Present

- Developed a TUI git helper with Textual to help users understand git commands and use git in a more interactive way, via the terminal
- Implemented GitPython APIs to interact with git repositories and perform various git operations
- Used MkDocs to create a documentation website for the git helper
- Used GitHub Actions to automate the deployment of the documentation website, build and publish the TUI application

### [SadakAI](#) | *Python, Flask, LangChain, Docker, Groq, Qdrant*

Sep. 2024 – Feb 2025

- Developed an AI platform to help users find the best route to learn a new skill, using LangChain and Groq
- Implemented a Flask API to interact with the AI platform and provide a user interface
- Used Docker to containerize the application and deploy it on a cloud server
- Used LangChain, Groq and Qdrant to create a retrieval augmented generation (RAG) system to provide personalized learning paths for users

### Open Source Contributions

- [Graphite](#): A 2D vector graphics editor. Fixed minor bugs related to the path tool, extended functionality of the path tool such as angle locking and snapping to grid
- [DevrAI](#): An AI-powered dev-rel assistant. Collaborated with implementing the base architecture of the project
- [Pictopy](#): An Image sorter that sorts photos based on face encodings. Added a feature to sort images based on an input taken from the user, uploaded or captured live through the webcam using OpenCV

## TECHNICAL SKILLS

**Languages:** Python, C, SQL (Postgres), JavaScript, HTML/CSS, Go, Rust

**Frameworks:** React, Node.js, Flask, Django, FastAPI, Textual, LangChain, MkDocs

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

## ACCOMPLISHMENTS

### Awarded as Top Performer of the Batch

Apr. 2025

*Chitkara University*

*Rajpura, Punjab*

- Secured a CGPA of 9.6 in the previous semester