

# Chetan Jangir

[jangirchetan.me@gmail.com](mailto:jangirchetan.me@gmail.com) | [linkedin.com/in/chetanjangir0](https://linkedin.com/in/chetanjangir0) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

## EDUCATION

---

### National Institute of Technology Srinagar

*Bachelor of Technology in Civil Engineering*

Srinagar, J&K

Mar 2021 - Jul 2025

### Vishwa Bharti Sen. Sec. School

*12th*

Singhana, Rajasthan

2018 - 2019

## TECHNICAL SKILLS

---

**Languages:** Go, Javascript, Python, HTML, CSS

**Frameworks/Libs:** React, Node.js, Express.js, TailwindCSS

**Systems/Networking:** TCP/IP, Shell Scripting (Bash), Linux, Git, GitHub

**Databases:** MySQL

## PROJECTS

---

### TCP to HTTP (from scratch in Go) | [Link](#)

May 2024 - Sept 2024

- Built a HTTP/1.1 server directly over TCP without using Go's net/http package.
- Implemented request parsing (method, path, version, headers, body) and response generation.
- Gained low-level networking experience by handling CRLF parsing, content length, and persistent connections.
- Tech Stack: Go, TCP, HTTP/1.1

### Ollama Hub:GUI for Local Models | [Link](#)

Jan 2025 - Feb 2025

- Designed and built a VS Code extension from scratch for interacting with local LLMs using Ollama.
- Implemented a scalable UI using VS Code webview API for model selection and chat interface.
- Achieved 300+ downloads, reflecting customer impact and real-world adoption.
- Tech Stack: TypeScript, HTML, CSS, VS Code API

### TUI Wi-Fi Manager for Linux | [Link](#)

Jun 2025 - Jul 2025

- Built a fault-tolerant terminal-based Wi-Fi manager to streamline Linux network control.
- Enabled real-time network scanning, password prompts, and robust error handling with low-latency input.
- Enabled Vim-style navigation (j/k, enter, esc) for sub-second menu interactions
- Tech Stack: Go, Bubbletea, Lipgloss, Linux NetworkManager

## EXPERIENCE

---

### Open Source Contributor

Mar 2025 - Apr 2025

*BAT (A popular Linux command-line tool)*

*Remote*

- Added syntax highlighting support for GDScript and Odin, extending multi-language support in the project.
- Wrote test cases to validate new syntax definitions and worked with maintainers on reviews.

### Machine Learning Intern

Mar 2025 - Apr 2025

*Codtech It Solutions PVT. LTD*

*Remote*

- Engaged in a 4-week online internship focused on applied Machine Learning techniques and model development.
- Built a sentiment analysis model using Logistic Regression on the Amazon Fine Food Reviews dataset.
- Preprocessed review text by filtering neutral entries, cleaning content, and converting text into numerical features for model training.

## ACHIEVEMENTS

---

IBM Developing Back-End Apps with Node.js and Express, Coursera

*Apr 2025*

EA Software Engineering Job Simulation certificate

*Mar 2025*