Chetan Jangir

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EDUCATION

National Institute of Technology Srinagar   Srinagar, J&K
Bachelor of Technology in Civil Engineering   *Mar 2021 - Jul 2025*

Vishwa Bharti Sen. Sec. School   Singhana, Rajasthan
12th   *2018 - 2019*

TECHNICAL SKILLS

Languages: Go, Javascript, Python, HTML, CSS
Frameworks/Libs: React, Svelte, 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 250+ 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

Solved 589+ problems on LeetCode; Contest Rating 1697 (Top ~20% globally);
earned 7 Badges including 100-day & 365-day solving streak badges

IBM Developing Back-End Apps with Node.js and Express, Coursera   *Apr 2025*

EA Software Engineering Job Simulation certificate   *Mar 2025*