

Veenayak Sirohi

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Summary

Computer Science graduate with strong **analytical** and **problem-solving** abilities. Experienced in **software development**, **data analysis**, and **web technologies**. Eager to contribute technical expertise to **innovative projects** and **business solutions**.

Education

G.L. Bajaj Group of Institutions

Bachelor of Technology (B.Tech), Computer Science

2021–2025

Dewan Public School

Schooling

2019–2021

Skills

Languages: Python, SQL, HTML, CSS, JavaScript, Bash

Tools: MySQL, PostgreSQL, MongoDB, VS Code, Power BI, Docker, Git

Libraries: Pandas, NumPy, Matplotlib, Flask, Tailwind CSS

Projects

Netflix Clone Landing Page | HTML, CSS, JavaScript

2025

- **Description:** Built a responsive Netflix landing page clone with interactive UI components and modern design.
- **Responsibilities:** Implemented FAQ accordion, language picker, trending content display.
- **Key Features:** Interactive FAQ section, multi-language support, trending shows, and smooth animations.
- **Achievement:** Delivered a pixel-perfect clone with accessibility features and cross-browser compatibility.

Car Parking Management System | Flask, PostgreSQL, SQLAlchemy, REST API

2025

- **Description:** Developed a backend for a car parking management system using Flask and PostgreSQL
- **Responsibilities:** Implemented RESTful APIs for user registration/login (JWT-based auth), parking slot allocation, parking structure display, and session tracking.
- **Database:** Designed and mapped models for parking lots, floors, rows, slots, users, and parking sessions using SQLAlchemy ORM
- **Outcome:** Developed a backend system supporting core parking operations and user management.

Fake News Detection System | Python, Flask, OpenAI Whisper, Perplexity AI, BERT, PyTorch

2024

- End-to-end AI system for detecting and verifying factual claims in short-form videos.
- Built a modular pipeline integrating audio extraction, speech-to-text (Whisper), claim detection (BERT), and fact verification via Perplexity AI Sonar API.
- Developed a Flask backend orchestrating multi-source verification (Wikipedia, NewsAPI), semantic similarity matching, and JSON-formatted outputs.
- Created a functioning web interface for users to upload videos and receive real-time fact-checking with citations and claim explanations.

Internship

Impressico Business Solutions | Intern (on-site)

Apr 2025 - Jun 2025

- **Description:** Developed backend systems using **Flask** and **Python** for scalable web applications.
- **Responsibilities:** Designed **RESTful APIs**, integrated third-party services, optimized **PostgreSQL** queries, and implemented testing with **pytest**.
- **Achievement:** Deployed applications using **Docker** and established **CI/CD pipelines** with GitHub Actions.

Licenses & Certifications

Programming, Data Structures And Algorithms Using Python: NPTEL

SQL For DATA SCIENCE: Great Learning

Introduction to Microsoft Excel: Coursera