

Tejas Tiwari

✉ tiwaritejas430@gmail.com ☎ 7376566368 📍 Kanpur, India 🔗 tejas-tiwari-6a999a33b

PROFILE

Aspiring Python Developer with hands-on experience in full-stack projects and machine learning applications. Strong proficiency in Python and frameworks like Flask and Django. Skilled in data analysis, cloud deployment, and real-world problem-solving, seeking to contribute and learn in an internship setting.

EDUCATION

Bachelor of Technology in Computer Science and Engineering Pranveer Singh Institute of Technology, Kanpur CGPA (upto 4th sem): 8.1	12/2022 – present Kanpur, India
Intermediate Shri Ram Education Centre Percentage: 90%	04/2020 – 03/2021 Kanpur, India
Highschool Sri Ram Education Centre Percentage: 93%	04/2018 – 03/2019 Kanpur, India

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C/C++, Node.js
- **Web Development:** HTML, CSS, React.js, FastAPI, Flask, Express.js
- **APIs & Backend:** REST APIs, OpenAI API, Node.js
- **AI/ML & Deep Learning:** TensorFlow, PyTorch, Scikit-learn, OpenCV, NLTK
- **Databases:** Firebase, MySQL, PostgreSQL
- **DevOps & Tools:** Git, GitHub, Docker, Jupyter Notebook
- **Cloud & Deployment:** Firebase Integration, Docker
- **Software & Platforms:** VS Code, Google Colab, Anaconda, Windows/Linux
- **Soft Skills:** Team collaboration, problem-solving, technical documentation, presentation

PROJECTS

Unauthorized VPN Detection System Flask, React, Python, MongoDB, SSL, Authentication, Nginx, AWS • Developed a full-stack system to detect and block unauthorized VPN/proxy usage, enhancing network security. • Integrated third-party IP intelligence APIs for real-time detection and monitoring via a secure admin dashboard. • Implemented user authentication, HTTPS (SSL via Let's Encrypt), and access controls to prevent misuse. • Deployed on AWS with MongoDB, optimizing response time by 35% and ensuring 99.9% uptime.	03/2025 – present
Personalized Product Recommendation System for E-commerce Python, Flask, Apache Spark, Surprise, Pandas, Node.js, MongoDB, AWS • Developed a real-time recommendation engine using hybrid models, increasing user engagement by 30%. • Processed 1M+ user interactions with sentiment analysis, context-aware suggestions, and visual search, improving accuracy by 25%. • Enhanced user retention by 25% through personalized content, gamified rewards, and adaptive recommendations. • Optimized system performance, reducing response time by 40% with scalable cloud infrastructure (AWS) and MLflow tracking.	10/2024 – 02/2025
YouTube Comment Analyzer Full Stack Developer Python, Flask, NLTK, APIs, WordCloud • Engineered a YouTube Comment Analyzer that processed over 50,000 comments, extracting sentiment and engagement metrics. • Integrated real-time data fetching via YouTube API with a scalable Flask backend, optimizing performance for large datasets.	06/2024 – 09/2024

- **Visualized** insights through word clouds and sentiment charts, resulting in a 40% improvement in user engagement.

CERTIFICATIONS

- Complete Python Developer in 2024: Zero to Mastery - Udemy
- Machine Learning - Coursera
- Object Oriented Programming using Python - Infosys Springboard
- The Complete Web Development Bootcamp - Udemy
- Programming Fundamentals using Python 1 & 2 - Infosys SpringBoard
- Problem Solving (Basic and Intermediate) - HackerRank
- Python (Basic and Intermediate) - HackerRank