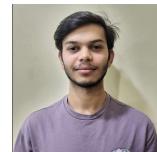


VIVEK TIWARI

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PROFILE

- Aspiring Engineer with practical experience in **Python development** and **Web Technologies**. successfully moved beyond theory by building and deploying secure web services using **Flask** and **Railway**, and performing statistical analysis using **Pandas**. Dependable and adaptable, I am looking to leverage my project experience to contribute immediately to a development team while continuously upgrading my skills.

EDUCATION

- Bachelor of Technology (CSE-DS)** | **2022 - 2026**
Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh
Focus on core engineering principles and software and data fundamentals

SKILLS

- Technical Skills**
 - Programming: Python, C++, HTML
 - Data Analysis methodologies
 - Web Development fundamentals
- Soft Skills**
 - Problem-Solving & Adaptability
 - Team Management & Leadership
 - Quick Learner, Team Player

PROJECTS

- Olympics Data Analysis**
 - Analyzed historical Olympic data to uncover key trends in athlete performance, global participation, and medal distribution.
 - Processed and cleaned large datasets using Pandas, generating statistical visualizations with Matplotlib and Seaborn to present insights.
 - Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook
- Encrypted Messaging Server for Static Applications**
 - Deployed a secure Railway microservice enabling encrypted emails for static sites without exposing client credentials.
 - Implemented SSL-encrypted REST endpoints with CORS support and environment-based secret management to ensure production-grade reliability.
 - Technologies: Python, Flask, Railway (Cloud Platform), Gmail SMTP, SSL/TLS Encryption, CORS, RESTful Architecture

CERTIFICATIONS & TRAINING

- Data Analysis Certification – Technonet PVT. LTD.**
Completed intensive training in data analysis covering data preprocessing, statistical analysis, and visualization. Gained practical experience with Python-based data analysis tools including Pandas, NumPy, and Matplotlib. Applied learned concepts through hands-on projects and real-world case studies.