Ritik Tiwari

8303273477 | ritikamethi7379@gmail.com | linkedin.com/in/ritik-tiwari | github.com/RitikTiwari7379

Technical Skills

- **Programming Languages**: Python, C++, JavaScript, Java
- **Libraries & Tools**: NumPy, Pandas, Scikit-learn, Git, Linux, Flask, TensorFlow, OpenCV
- **Web Technologies**: HTML, CSS, JavaScript, PHP, jQuery, Node.js, Express.js
- **Development Practices**: Object-Oriented Programming, Data Structures and Algorithms, DBMS, OS
- **Tools**: Git, GitHub, Visual Studio Code, Jupyter

Projects

Resume Builder Web Application   06/2024 - 07/2024
Full Stack Development   HTML, CSS, JavaScript, Node.js, Express.js
- Designed a web application for creating resumes with dynamic PDF generation.
- Developed back-end services with Node.js and Express.js.

Netflix Web Interface Clone   12/2023 - 12/2023
Frontend Development   HTML, CSS, JavaScript
- Created a responsive Netflix clone with dynamic content and carousel layouts.

Brain Tumor Detection System   08/2023 - 09/2023
Deep Learning Integration   Python, TensorFlow, OpenCV, Flask
- Built a CNN model achieving 94% accuracy in tumor detection from MRI scans.
- Integrated the model with Flask for real-time medical image analysis.

Education

VIT Bhopal University   Bhopal, Madhya Pradesh
B.Tech. in Computer Science — CGPA: 8.88/10   10/2022 – Present
- Relevant Coursework: Data Structures, Algorithms, DBMS, Cloud Computing, AI/ML, Web Development, Software Engineering

Brightway Public School   Amethi, Uttar Pradesh
12th Standard — Percentage: 75.16%   06/2020 – 07/2021

Brightway Public School   Amethi, Uttar Pradesh
10th Standard — Percentage: 76.6%   04/2018 – 05/2019

Activities

GSSOC 2024 Contributor   09/2024 – 10/2024
Open Source Development
- Ranked 880th among 60,000+ participants (top 1.47%).
- Contributed to multiple repositories and earned badges.

Runner-Up, CodeX Hackathon   02/2024 - 02/2024
Hackathon Organized by Cisco Community, VIT Bhopal
- Secured the runner-up position in CodeX Hackathon, competing against 50+ teams.

PR & Outreach Co-Lead   01/2024 – Present
Open Source Club, VIT Bhopal
- Organized workshops and promoted open-source culture.
- Managed community engagement for tech events with 1000+ participants.

Competitive Programming and DSA   02/2024 – Present
Problem Solving
- Solved 400+ DSA problems on LeetCode, Codeforces, and GFG.
- Max Rating: LeetCode 1434, Codeforces 786, GFG 1473.

Summer-of-Open-Source-ML-Projects Contributor   08/2024 – 08/2024
Open Source
- Contributed to a machine learning project organised by Google Development Club VIT Bhopal.

Certifications

- **The Bits and Bytes of Computer Networking** - Google (Coursera)
- **Linux Shell Scripting** - IBM (Coursera)
- **Cloud Computing** - NPTEL