

ANSH GUPTA

Indore | ansh.gupta0625@gmail.com | 6268579208 | Portfolio | LinkedIn | GitHub

Education

Bachelor's In CSE	Dec 2021– May 2025
Vellore Institute of Technology, Bhopal	7.52
Intermediate, CBSE	May 2020
J.P.V. D.A.V. Public School	84.6
High school, CBSE	June 2018
J.P.V. D.A.V. Public School	74.4

Skills

Programming Languages: Python, JavaScript, HTML5, CSS3, SQL

Machine Learning and Data Science : scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Matplotlib

Developer Tools: Git, GitHub, Jupyter Notebook, VS Code

Concepts : Algorithms and Problem Solving, ML Model Development, Clean Code, Documentation

Experience

Ethnus Pvt. Ltd. , Hyderabad - Aptitude Trainer	Oct 2025 - Jan 2025
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Mentored students on placement preparation strategies and interview readiness.

Guided students through mock aptitude tests, problem-solving strategies, and time management techniques used in campus recruitment exams.

Conducted training sessions on Quantitative Aptitude, Logical Reasoning, and Problem Solving for undergraduate students preparing for placement tests.

Projects

Liver Disease Risk Prediction System

- Developed a machine learning model to predict liver disease using clinical data.
- Performed data preprocessing and EDA using Pandas and NumPy.
- Built classification models with Scikit-learn and evaluated performance metrics.
- Visualized insights using Matplotlib.
- Technologies Used: Python, Pandas, NumPy, Scikit-learn, Matplotlib

Bike-Tribe Backend (In Development)

- Built a scalable backend for a bike riders community platform using FastAPI and PostgreSQL.
- Developed REST APIs with modular architecture
- Implemented JWT authentication with secure password hashing
- Designed relational database schemas and integrated WebSockets for real-time updates
- Technologies Used : FastAPI, PostgreSQL, JWT, REST APIs, WebSockets .

AI Resume Parser | NLP and Machine Learning

- Built an NLP-based system to automatically classify resumes into job categories.
- Implemented text preprocessing (tokenization, stopwords removal) using NLTK.
- Applied TF-IDF for feature extraction and trained a machine learning classifier.
- Evaluated model performance using accuracy metrics and managed code with Git/GitHub.
- Technologies Used: Python, Scikit-learn, NLTK, Pandas, TF-IDF, Git, GitHub

Certifications

- Python for Machine Learning — Great Learning
- Cloud Computing, NPTEL Certified
- Python and SQL for Data Science -Scaler
- API Development with Python — freeCodeCamp

Extra-Curriculars and Acheivement

- Strong problem-solving and logical thinking skills Quick learner with high adaptability to new technologies
- National Service Scheme (NSS) – social outreach and volunteering
- Codecademy Community Ex- Core Member(College Chapter) – peer learning and workshops