

EDUCATION

- Indian Institute of Information Technology Jabalpur
- Aug 2023 – May 2027

Bachelor of Technology in Computer Science Engineering (Penultimate Year)

CGPA: 7.5/10.0

TECHNICAL SKILLS

- Languages: Python, C++, C, SQL
- Libraries/Frameworks: Flask, FastAPI, scikit-learn, Pandas, NumPy, Seaborn,Matplotlib,Streamlit,BeautifulSoup,Docker, AWS
- Tools: Git, VS Code, Jupyter, MLflow
- Coursework: Advanced Algorithms, Operating Systems, Database Systems, Computer Networks

PROJECTS

End-to-End NLP Text Summarization Pipeline

GitHub

Tech Stack: Python, Hugging Face Transformers, PyTorch, FastAPI, Uvicorn, AWS, ROUGE, SacreBLEU

- Engineered a modular, object-oriented NLP pipeline using google/pegasus-samsum, reducing manual preprocessing by 80%.
- Automated tokenization, training, and evaluation workflows, achieving ROUGE-L 45.6 and SacreBLEU benchmarks.
- Deployed a FastAPI + Uvicorn microservice,reducing latency.
- Designed YAML-driven MLOps configuration, improving team onboarding speed .

Network Security Threat Detection & Prediction Pipeline

GitHub

Tech Stack: Python, FastAPI, scikit-learn, MLflow, MongoDB, Docker, AWS, GitHub Actions

- Built a full MLOps pipeline on 11,000+ network records, achieving 91% classification accuracy.
- Versioned experiments using MLflow with remote tracking on DagsHub.
- Deployed a Dockerized FastAPI inference API via GitHub Actions to AWS EC2.
- Integrated CI/CD workflows to cut deployment time by 40%.

AI-Powered Resume Analyzer

GitHub

Tech Stack: Python, Streamlit, Google Gemini AI, pdfplumber, pytesseract, python-dotenv

- Developed a Streamlit app leveraging Google Gemini AI to analyze resumes against JDs, delivering one-line summaries and skill-gap reports.
- Implemented dual-mode PDF parsing (pdfplumber + OCR) to ensure 100% text extraction.
- Built prompt workflows for personalized course recommendations.
- Engineered compatibility scoring logic that highlights missing keywords.

ACHIEVEMENTS

- LeetCode: 1654 rating (Top 3%) — 400+ DSA problems solved
- CodeChef: 2-Star (1400+ rating) — Global rank 726 in contests
- Hackathons: Built Fake News Classifier in 24 hrs (Python + NLP, 92% accuracy)
- Academic: Top 10% in department programming contests

PROFILES

- LeetCode:
- Linkedin