Bhavya Bhambhani

+91-8860206960 bhavbhambhani@gmail.com linkedin.com/in/bhavya-bhambhani github.com/bhavyaB30

EDUCATION

Manipal University Jaipur **2022 – 2026**

B.Tech - Computer Science and Engineering (AI and ML) - CGPA - 8.08

ABOUT ME

Final-year B.Tech student in CSE (AI/ML) with strong problem-solving skills in Python, SQL and C . Experienced in building real-world AI/ML applications including a resume optimizer using FastAPI , LangChain , and LLM's. Passionate about solving practical problems using intelligent systems.

EXPERIENCE

Unthinkable Solutions, Gurugram **May 2025 – July 2025**

AI-ML Intern On-Site

- Gained hands-on experience in web scraping, SQL queries, Python scripting, and foundational concepts of LangChain and Streamlit.
- Built an AI-powered Resume Optimizer using FastAPI and Streamlit, integrating LLM's via LangChain for JD parsing, resume enhancement, and skill matching.
- Implemented secure login system using SQL and added email automation for sending LLM-generated job application emails with attached PDF resumes.
- Applied prompt engineering and dynamic resume editing features, allowing users to personalize resumes based on job descriptions.

PROJECTS

Resume Optimizer Web App— Python, Streamlit, FastAPI, Gemini LLM, LangChain **2025**

- Built an AI-powered tool to compare job descriptions with resumes and identify missing skills.
- Used Gemini LLM with LangChain for JD parsing, resume optimization, and skill extraction.
- Enabled resume creation, editing, and download in JSON and modern PDF formats.
- Integrated SQLite for user auth and added LLM-based formal email generation and sending.

Comment Classifier for Apps — Python, Machine Learning Libraries **2023–24**

- Developed a comment classification system for categorizing and filtering user feedback.
- Implemented clustering to group similar comments, supporting more accurate classification .
- Gained hands-on experience in NLP and ML algorithms using Python.

Satellite Image Classification Using CNNs — Python, TensorFlow, Google Colab **2024–25**

- Developed a deep learning-based classification system using CNNs (ResNet, DenseNet, EfficientNet).
- Processed EuroSAT images with normalization, augmentation, and cloud masking.
- Evaluated model using accuracy, precision, recall, and F1-score.
- Applied Grad-CAM and LIME for model interpretability.

TECHNICAL SKILLS

Languages: Python, C, HTML
Databases: SQL
Frameworks: FastAPI, Streamlit, LangChain
Libraries: NumPy, pandas, TensorFlow, Matplotlib
Tools & Technologies: Git, GitHub , SQLite , Google Colab, VS Code, Clustering ,Web Scraping, Large Language Models (LLM) , Natural Language Processing (NLP) , Prompt Engineering

CERTIFICATIONS

- Data Structure AND Algorithm – Coursera
- Python For Data Science, AI & Development – Coursera
- Database Programming with SQL – Oracle Academy
- Introduction to Computer Vision and Image Processing – Coursera
- Introduction to Machine Learning – NPTEL