RIMJHIM SINGH

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EDUCATION

Scchool of Computing,MIT ADT University, Pune   **2021 − 2025**
B.Tech - Computer Science and Engineering - ***CGPA - 8.37***   *Pune, Maharashtra*

COURSEWORK / SKILLS

- Python, Java
- Pandas, Scikit Learn, TensorFlow, PyTorch
- Agentic AI
- Git and GitHub
- Audio/Video Editing and
- Streaming: OBS, Capcut, Streamlab
- Front-end: HTML, CSS, JavaScript, Streamlit,
- React js
- Back-end: MongoDB atlas, MySQL, Node

WORK EXPERIENCE

Data Analyst Intern at Faurecia India Private Ltd.   **Jan 2025 - June 2025**

- **Failure and effect Analysis** on Developing a prediction model prototype to mitigate the FMEA(Failure Mode and Effect Analysis).
- **innovative solution for Tooling** optimized Path planning for the tooling process .

TECHNICAL EXPERIENCE

Chatbot ADiTi: University Chatbot☍ | NLP, Apache server   **June 2023 - August 2023**

- Created Intents and extracted entities using **Dialogflow**.
- Created webhook to Apache server hosting node js application

SAE DDC 2024 | Drone Development Challenge   **Jan 2024 - August 2024**

- Worked in a multidisciplinary team of engineers
- Handled **Manufacturing and Control and stability** department

NASA Space App: Space Mission ☍ | React Js, Vite, Tensorflow js, Handpose   **October 2023**

- Worked on integrating handpose model with the front end for motion interaction.
- Worked on text to speech synthesis for audio effect on the site
- Our team was the only team to qualify in **NASA top 40 international finalist** out of 8000+ teams

PROJECTS

Agentic Ai based Currency Chatbot ☍ | LangGraph, LangSmith, Vertex AI   **september 2025**

- Creating Stategraph for INR,EUR,USD currency conversion.
- Context of conversation preserved with checkpoint Memory
- Used google cloud's **Vertex AI** for gemini-2.5 flash model for natural language interaction with chatbot.
- **HITL** -human In the Loop for keeping human approval on checking decision taken by Agent.

Bail Recknor ☍ | gemini,RAG for BNS,langchain   **Sept 2024**

- Developed an web application along with team of 6 to make a chatbot for the legal advisory .
- Designed a ui for the mobile application for the same along with Adhar and OTP verification.
- It has a near perfect recall of 99.7%, for gemini 1.5 pro model .

Private Family Cloud App ☍ | Java Spring Boot, React Js   **April 2024**

- Technologies: React.js for frontend development, Spring Boot and node for backend
- RESTful API development using maven build tool

- Developing a private cloud platform to provide centralized computing resources and storage for family members, enhancing collaboration and accessibility.
- Worked with cloudflare workers (serverless functions) and pushbullet API.

Medical Summary Generator ⬈ | NLP, pdf OCR   December 2023
- Data Augmentation and Dataset Creation.
- Text Extraction from pdf using PyPDF
- Performed Tokenization, lemmatization and Vectorization of words
- Finetuned T5-small (gpt-based) nlp model, using AdamW optimizer.

TECHNICAL SKILLS

Languages: Java, python, C/C++, SQL
Technologies/Frameworks: Git, GitHub, React Js, MongoDB, TensorFlow, Numpy, Pandas, Scikit Learn
Developer Tools: VS Code, Bash, Jupyter Notebook, pip, conda, venv

CERTIFICATIONS

- Google Cybersecurity Certificate - Coursera
- C++ - LinkdIn
- Netflix Clone - Devtown
- ETL in python and SQL - LinkdIn

AWARDS

- Paper Publication on LLM in Public Service Applications: CPGRAMS
- Among Top 40 global finalist in the NASA Space Apps Challenge
- AIR 6 SUVC 2021

EXTRACURRICULAR

- Synapse AI Technical Team Member 2024
- Cyber Shakti Technical Team Member 2024