HIMANSHU JHA
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Professional Summary

Dynamic and results-oriented AI-Engineer with over 1 years of experience in Agentic AI and Data Science. Proven track record of delivering AI-Agents for Enterprises. Skilled in [Agentic AI, Generative AI, Deep Learning, Machine Learning, Python]. Seeking to leverage expertise in Aritficial Intelligence to contribute to build AI models which can solve complex human problems.

Experience

AI Engineer Intern *August/2025 – Present*
AI LifeBot – Gurugram, Haryana

- Build AI agents to solve real-world business problems, focusing on automating tasks and improving efficiency for organizations.
- Built AI agents that automated sales team tasks, reducing manual workload by 80% and minimizing human errors by up to 95%.
- Collaborated with organizations like NASSCOM to streamline sales processes for manufacturing industries by delivering no-code/low-code solutions, enabling non-technical staff to adopt automation seamlessly.

Deep Learning Research Intern *December 2024 – April 2025*
IIT Roorkee – Roorkee, Uttarakhand

- Gained expertise in Deep Learning and Image Processing and Signal Processing by working on real-world seismic data projects.
- Improved solution accuracy by 40% by developing and deploying custom deep learning models.
- Collaborated on research projects in areas such as Image Reconstruction, Image Denoising, and Image Segmentation under field experts.

Projects

AI Meeting Summarizer – [Github Link]

- Implement a RAG-based application to summarize meeting content and extract actionable insights.
- Integrate Gmail API to enable direct sharing of meeting reports via email.
- Utilize Gemini 2.0 Flash model to capture real-time meeting context and generate concise, structured reports.

Vehicle Detection System – [Github Link]

- Developed a computer vision based **vehicle detection system** using **Yolo-v5**, enhanced detection confidence by 20%.
- Fine tuned the Yolo-v5 model on a “Indian Vehicle Dataset” among the desired categories of vehicles to detect even heavy vehicles like 2-Axle / 3-Axle / Multi-Axle Trucks, Trains.
- Detected vehicle in the following categories - Car, Motorcycle, Auto(Three wheeler), Ambulance, 2-Axle / 3-Axle / Multi- Axle Trucks which was my key innovation in this project.

Education

Madhav Institute of Technology and Science **2022-Present**
B.tech in Artificial Intelligence and Machine Learning Gwalior, M.P
CGPA: 7.5

Certifications

- IIT ROORKEE - Certificate of completion of research internship at IIT Roorkee. [certificate link]
- Infosys Springboard - Certficate of Deep Learning by Infosys Springboard.[certificate link]
- Coursera: Machine Learning Specialization by Andrew Ng, Stanford.[certificate link]

Skills

- **Languages -** Python, SQL, No-SQL, HTML, CSS, React.
- **Frameworks** - TensorFlow, PyTorch, LangChain, LangGraph, Tableau, Flask.
- **Techniques and Concepts** - Agentic AI, RAG, Generative-Ai, LLM’s, Deep Learning(ANN, CNN, Auto-Encoders, RNN, LSTM), NLP, Sentiment Analysis, Computer Vision.
- **Libraries and Tools**: NumPy, Pandas, Seaborn, Matplotlib, scikit-learn.
- **Databases**: MySQL, MongoDB(Community and Atlas).