RISHABH BHANDORIA

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SUMMARY

Aspiring Gen AI & ML Engineer of hands-on experience as a Python Backend Developer at DSEU. Worked on real-world systems including ANPR-integrated Boom Barrier and Inventory Management platforms. Strong foundation in Python, Rest APIs and Gen AI technologies such as LLM, RAG and multimodal AI. Actively seeking Gen AI-ML roles to build scalable, production-ready solutions.

WORK EXPERIENCE

Python Backend Developer Intern   *Oct 2025-Present*

Delhi Skill and Entrepreneurship University (DSEU)

- Developed a Python-based backend system for an **ANPR-integrated Boom Barrier System** enabling automatic vehicle number plate recognition.
- Built an **Inventory Management System** for office operations, including asset tracking, stock updates and role-based access.
- Designed REST APIs and backend logic to support real-time system workflows.
- Collaborated in a team environment to deliver production-ready solution on time.

PROJECTS

Multimodal Gen AI Agent (Text → Image / Audio)

- Built using Python, LLMs and diffusion models to generate images and audio from text.

RAG-based Intelligent Q&A System

- Built using Python, LLMs, LangChain and Vector DBs for accurate document-based Q&A.

AI Meeting & Interview Intelligent Assistant

- Built using Python and LLMs to transcribe audio and generate concise meeting summaries.

EDUCATION

Bachelor of Technology (B.Tech)-Computer Science Engineering (AI & ML)   *2022-2025*

GL Bajaj Institute of Technology and Management

- Specialization in Artificial Intelligence and Machine Learning.
- Built a **Helmet Detection System** using computer vision and deep learning techniques.

Diploma in Electronics and Communication Engineering   *2018-2021*

Chhotu Ram Rural Institute of Technology

- Strong foundation in electronics, communication system and technical problem-solving.
- Hands-on experience with practical labs and engineering projects.

SKILLS

- **Programming:** Python, C, HTML, CSS (Tailwind CSS), JavaScript, React.js
- **AI/ML:** Machine Learning, Deep Learning, Computer Vision, NLP, Generative AI, Transformers, LLMs, RAG, Diffusion Models
- **Frameworks & Libraries:** NumPy, Pandas, Scikit-learn, Hugging Face, Transformers
- **Backend Development:** Flask, FastAPI, REST APIs
- **Databases:** SQL, MongoDB
- **Tools & Platforms:** Git, GitHub, Streamlit, Gradio, VS Code