# SHIVANSH DHYANI

Gurugram, Haryana — +91 9045971184 — shivansh.dhyani.12345@gmail.com
LinkedIn — GitHub

## PROFESSIONAL SUMMARY

Computer Science graduate with a focus on AI/ML and real-time intelligent systems. Skilled in building GenAI solutions using LLMs, RAG, MCP, and Agentic AI. Delivered end-to-end projects in NLP, document Q&A, and secure app development using Python, FastAPI, Hugging Face, and Firebase.

## CORE SKILLS

| | |
|---|---|
| **Languages:** | Python, C++, Java, JavaScript, HTML/CSS |
| **Frameworks:** | Hugging Face, TensorFlow, PyTorch, React Native, OpenCV |
| **Tools:** | Git, Docker, VS Code, Firebase, Streamlit, Gradio, Postman |
| **Databases:** | SQL, Firebase Firestore, Airtable, FAISS |
| **AI/ML:** | Generative AI, RAG, LLMs, NLP, Prompt Engineering, Model Fine-tuning |
| **Concepts:** | OOP, REST APIs, DSA, Microservices, Multithreading |
| **Soft Skills:** | Problem Solving, Agile, Self-learning, Collaboration |

## PROFESSIONAL EXPERIENCE

**Software Developer Intern**                          THDC India Limited, Rishikesh [Certificate]
*Jul 2024 – Aug 2024*    [Project Link]

- Built a robust **Spam Detection system** using NLP and machine learning to classify messages and emails.
- Designed and automated data validation tools in Python, reducing manual verification time by 30%.
- Collaborated with cross-functional teams to integrate REST APIs and database queries into legacy systems, modernizing internal tools.

## KEY PROJECTS

**AI Chatbot Agent with File Upload & RAG**  [GitHub]
*Python, FastAPI, Streamlit, Groq API, Hugging Face, FAISS, Gradio*

- Developed a ChatGPT-like AI assistant using **Groq LPU acceleration** for fast, streaming responses.
- Integrated **file upload support** (PDF, TXT) with **Retrieval-Augmented Generation (RAG)** using **FAISS and Transformers**.
- Designed a modular **Streamlit UI** with theme switcher and persistent **chat history** using session handling.
- Backend powered by FastAPI, allowing easy extension for new tools and model variants.

**AI-Powered Call Center Analytics** [GitHub]
*Python, Rev AI API, Hugging Face, NLP, Airtable, BERT*

- Built end-to-end pipeline for call transcription, sentiment analysis, and intent classification using Transformer models.
- Automated dashboard reporting via Airtable API, **reducing manual reporting effort by 70%**.
- Processed over **120+ call records daily** with asynchronous API calls for near real-time analytics.

**Face Recognition Attendance System** [GitHub]
*Python, OpenCV, Tkinter, face_recognition, SQLite*

- Developed real-time face recognition system automating attendance for classrooms and offices with **97% accuracy**.
- Implemented Python-based GUI using Tkinter for seamless user onboarding and attendance log visualization.
- Integrated attendance data storage with local database (SQLite) for offline accessibility.

## EDUCATION

| | |
|---|---|
| **Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal** | Jun 2021 – Jul 2025 |
| B.Tech in Computer Science (AI & ML) | CGPA: 7.5/10 |

**Relevant Coursework:** Machine Learning, Natural Language Processing, Software Engineering, Operating Systems, DBMS

| | |
|---|---|
| **Rishikesh Public School** | Apr 2021 |
| Class XII (ISC) | 93% |
| **Rishikesh Public School** | Apr 2019 |
| Class X (ICSE) | 94% |

## CERTIFICATIONS

- (RAG) – Simplilearn: Covered RAG architecture, vector databases, and LLM integration [Certificate]
- Android Development – Brilliant Makers (Apr 2022 – Jul 2022): Built Android apps with Java and XML [Certificate]
- AI Foundations – OneRoadmap: Covered ML concepts including regression, classification, clustering [Certificate]
- Generative AI – Simplilearn: Explored LLMs, prompt engineering, and GenAI applications [Certificate]