SHIVANSH DHYANI

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LinkedIn — GitHub

PROFESSIONAL SUMMARY

Computer Science graduate with specialization in Artificial Intelligence and Machine Learning. Proficient in software development, backend APIs, real-time systems, and machine learning pipelines. Built scalable AI-powered applications including facial recognition attendance system, NLP-based call center analytics, and secure real-time chat systems. Strong hands-on experience in Python, TensorFlow, OpenCV, Firebase, NLP, REST APIs, and cloud-based deployments. Proven ability to deliver data-driven solutions with measurable business impact.

CORE SKILLS

Programming Languages:	Python, C++, Java, HTML/CSS, JavaScript
Frameworks & Libraries:	OpenCV, PyTorch, TensorFlow, React Native, Hugging Face Transformers, Scikit-learn
Development Tools:	Git, GitHub, VS Code, Node.js, Firebase, Docker
Database Technologies:	Firebase Firestore, SQL, Airtable
Core Concepts:	Object-Oriented Programming (OOP), REST APIs, Microservices, Machine Learning, NLP, Data Structures and Algorithms, Multithreading
Soft Skills:	Problem Solving, Cross-functional Collaboration, Agile Development, Self-learning

PROFESSIONAL EXPERIENCE

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

- Designed and developed internal software tools using Python, contributing to faster data validation processes by 30%.
- Collaborated across engineering teams to integrate REST APIs and database interactions into legacy tools.
- Ensured high software quality through rigorous unit testing, reducing post-deployment bugs by 25%.

KEY PROJECTS

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.

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.

Real-Time Chat Application [GitHub]
React Native, Firebase, Firestore, FCM, AES-256

- Engineered secure, mobile-responsive chat application with **AES-256 end-to-end encryption** and Firebase backend.
- Achieved message delivery time under **150ms and 100% delivery accuracy** even under network interruptions.
- Implemented real-time push notifications, read receipts, and message status using Firebase Cloud Messaging (FCM).

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

- 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]
- C++ Language – Brilliant Makers (Jan 2022 – Mar 2022): Learned OOP, Data Structures [Certificate]