

SHIVAM DUBEY

AI/ML ENGINEER - ENTRY LEVEL.

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📍 Haryana, India

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🔗 <https://github.com/Dubeyrock>

🔗 <https://www.kaggle.com/s00980>

EDUCATION

BACHELOR OF TECHNOLOGY - COMPUTER SCIENCE & ENGINEERING

Galgotias University

CGPA: 7.91/10.00

📅 2020-2024

WORK EXPERIENCE

RECRUWEB RESOURCES PVT. LTD.

📍 Noida, India

AI DEVELOPER (INTERN)

📅 April 2026 – present.

- Built an end-to-end AI-powered voice calling assistant supporting multi-turn conversations over telephony systems.
- Integrated Speech-to-Text (Whisper) and Text-to-Speech (ElevenLabs) for real-time voice interaction.
- Designed conversational flow using LLMs (Groq/OpenAI) to generate context-aware responses.

INNOMATICS RESEARCH LABS

📍 Hyderabad, India

DATA SCIENCE WITH GENAI INTERN

📅 Sep 2024 – Jan 2025

- Developed **GenAI assistant for visually impaired using LangChain and Google Generative AI, achieving 92% scene classification accuracy.**
- Built **RAG-based applications with Gemini 1.5 Pro**, improving context relevance in AI responses by 40%
- Data-Driven Insights for Pizza Store Operations Improving delivery performance and revenue management.

ANTIHAQ.AI

📍 Noida, India

MACHINE LEARNING ENGINEER

📅 Feb 2024 – May 2024

- Designed and implemented "**SafeTransact**" - an **OCR-based transaction monitoring system** achieving 95% data extraction accuracy across 1,000+ scanned documents.
- Enhanced **fraud detection ML models** through advanced **feature engineering**, improving precision by 18%

SUVIDHA FOUNDATION

📍 Nagpur, India

DATA SCIENCE INTERN

📅 Dec 2023 – Feb 2024

- **Optimized digital text summarizer**, reducing model training time by 25% and improving ROUGE score by 15%
- Applied **NLP techniques on long documentation**, increasing summarization efficiency by 35% with transformer-based models.

PROJECTS

AI Voice Calling Assistant (SIP + LLM + STT + TTS).

[Github](#)

- Built a **production-ready AI voice assistant** supporting inbound and outbound calls using FreeSWITCH and SIP trunk.
- Implemented real-time speech processing pipeline: **audio → Whisper STT → LLM (Groq/OpenAI) → ElevenLabs TTS → audio.**
- Developed **modular backend using Python (FastAPI)** for handling call events and audio streaming.
- Enabled **dynamic AI personality, voice selection, and system monitoring** via Streamlit dashboard.
- **Tech:** Python, FastAPI, FreeSWITCH, SIP, Docker, Whisper, Groq, ElevenLabs, Redis, MongoDB.

Advanced RAG System with LangChain & Groq API.

[Github](#)

- Built a **production-ready Retrieval-Augmented Generation (RAG) system** using LangChain and Groq API for high-performance LLM inference.
- Implemented **multi-format document ingestion** supporting PDF, CSV, Excel, Word, JSON, and TXT files.

AI-Powered Assistive Solution for Visually Impaired.

[Deploy](#) – [Github](#)

- Achieved **92% scene classification accuracy** using Google Generative AI for real-time environment understanding.
- Designed a **modular AI system** integrating computer vision, NLP, and GenAI for real-time assistance.

TECHNICAL SKILLS

- **Technical Skills:** Python, problem-solving, software engineer, pandas, data analysis – NumPy, SciPy, scikit-learn, statistics.
- **machine learning:** unsupervised learning, Supervised learning (classification, regression), fine-tuning of AI/ML models.
- **Deep Learning & Frameworks:** TensorFlow, PyTorch, CNN, deep learning models.
- **GenAI/Deployment:** LangChain, RAG-pipelines, OpenAI, LLM, deep learning and natural language processing.
- **Web & Backend:** front end – HTML, CSS, JavaScript, React.js, Node.js, Flask, FastAPI, Streamlit.

CERTIFICATIONS

- Data Science AI Training – Ducat (Ongoing, Weekend) – Mar 2026 – Present.
- Data Science & ML Professional Course – Udemy (Krish Naik), 2026. **Ongoing**