

Muhammad Shaban

Roorkee, India | +91-8273185786 | mshaban0121@gmail.com
linkedin.com/in/muhammadshaban | github.com/muhammadshaban | muhammadshaban.github.io

SUMMARY

Computer Science undergraduate with hands-on experience in building scalable AI and Machine Learning applications. Specialized in Large Language Models (LLMs), AI-driven chatbots, vector search, and automation. Skilled in Python scripting, LangChain, Streamlit, FastAPI, and vector databases like FAISS. Passionate about delivering intelligent systems with real-world impact.

EDUCATION

Bachelor of Technology – Computer Science and Engineering <i>COER University, Roorkee</i>	2024 – 2028 <i>CGPA: 9.29</i>
Senior Secondary (Intermediate) <i>Atal Utkrisht Government Inter College, Roorkee</i>	2023 <i>First Division</i>

INTERNSHIPS

AI Developer Intern <i>Naventra Infotech Pvt Ltd (Remote)</i>	July 2025 – Present
<ul style="list-style-type: none">– Built intelligent AI agents using GPT-4 and Groq LLaMA to automate real-time data analysis workflows– Integrated LangChain with FAISS vector database to enable contextual Q&A over large document sets– Developed modular APIs using FastAPI and designed interactive Streamlit interfaces for chatbot deployment– Improved system security and reliability by implementing access controls and compliance measures	

PROJECTS

Finsolve Bot – AI Chatbot Platform <i>Streamlit, FastAPI, FAISS</i>
<ul style="list-style-type: none">– Created a secure multi-role chatbot interface using Streamlit and FastAPI– Enabled contextual file-based Q&A with FAISS and Hugging Face embeddings– Built analytics dashboard and real-time vector DB updates
Job Auto Apply Bot <i>Selenium, DeepSeek-V3, Streamlit</i>
<ul style="list-style-type: none">– Automated Internshala job applications via resume parsing and DeepSeek-V3 (Together.ai)– Used Selenium for automation with duplicate prevention and activity logs– Streamlit dashboard for resume upload, job tracking and matching
Helmet Detection <i>YOLOv8, OpenCV</i>
<ul style="list-style-type: none">– Computer vision model for real-time helmet detection in video feeds– Achieved 92% accuracy using YOLOv8 trained on custom dataset

SKILLS

Programming: Python, C++
AI & ML: Supervised Learning, NLP, Prompt Engineering, Agentic AI
Frameworks: LangChain, Streamlit, FastAPI, TensorFlow, YOLOv8
Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
Tools: Git, Jupyter, Linux, Hugging Face, Groq,
Databases: MySQL, FAISS
Web: HTML/CSS, API Integration

CERTIFICATIONS & RESEARCH

- **Oracle Cloud Infrastructure 2025 Certified Generative AI Professional (Aug 2025)** – Certification demonstrates expertise in Large Language Models (LLMs), OCI Generative AI Service, and advanced techniques such as Retrieval-Augmented Generation (RAG), Semantic Search, Vector Databases, and LangChain for building, tracing, evaluating, and deploying LLM applications. [View](#)
- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (Aug 2025)** – Industry-recognized certification validating AI/ML fundamentals and their application in Oracle Cloud Infrastructure (OCI). [View](#)
- **IEEE Conference (2025)** – Presented paper on "EDS-DPCXT" cipher-based data security. [View](#)
- **ICMCE-2025** – Lead author of "Spam Detection using AdaBoost and Random Forest". [View](#)
- **Codebasics Certificate of Appreciation (Jul 2025)** – Recognized for developing a RAG-based, role-specific chatbot for FinSolve Technologies during a resume project challenge. [View](#)

ACHIEVEMENTS

- **GSSoC 2025 Contributor:** Contributed to open-source projects in Machine Learning for Healthcare, focusing on developing models and improving datasets for health-related AI applications.
- **"Cheetah" Award – DcodersSquad:** Fastest internal sprint solver
- **State-Level Badminton Player:** Represented Uttarakhand