





FARIYAD KHAN

Intern

IIT Mandi iHub (Current)  
WebDev | AI/ML Computer Vision | NLP

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Course	University	Institute	Year
Master of Computer Application with CGPA 8.20	SPU Mandi	Sardar Patel University, Mandi Campus	2022 - 24
Bachelor of Computer Application with CGPA 8.24	HPU Shimla	M.L.S.M. College Sundernagar	2019 - 22

EXPERIENCE

**System Softwares | Intern** Jan 2022 – July 2022  
Worked as an intern contributing to software development tasks and supporting system-level projects.

**Excellence Technologies | Intern** Jan 2024 – June 2024  
Completed an internship focused on web development, application features, and hands-on project execution.

**IIT Mandi iHub | Intern** Dec 2024 – Current  
Designed and developed AI-powered applications using MERN stack, Built NLP pipelines and integrated RAG systems for intelligent query handling, Developed real-time computer vision solutions using React frontend, Collaborated with cross-functional teams to deliver scalable web applications , Implemented RESTful APIs using Node.js and Express.js

TECHNICAL SKILLS

**Frontend:** React.js, JavaScript, HTML5, CSS3, Redux, RTK Query **Backend:** Node.js, Express.js  
**Database:** MongoDB, ChromaDB **AI/ML:** TensorFlow, Keras, PyTorch, scikit-learn, OpenCV  
**Libraries:** NumPy, Pandas, Matplotlib **Specializations:** Deep Learning, NLP, Computer Vision, RAG, Agentic AI

PROJECTS

**CFP Project Management (IIT Mandi iHub)**  
Developed and managed a comprehensive proposal management system for Technology Innovation Hub (TIH) at IIT Mandi, streamlining the call for proposals process, submission tracking, and evaluation workflow to enhance operational efficiency and stakeholder coordination.

**LogisEye RAG Agentic AI (IIT Mandi iHub)**  
Built a retrieval-augmented generation (RAG) chatbot for logistics queries. Integrated ChromaDB for vector storage, Llama for language understanding, and a voice-enabled interface to provide structured, contextually relevant answers efficiently.

**AI Flight Agent Agentic AI (IIT Mandi iHub )**  
Created an Agentic AI flight assistant to autonomously manage bookings, queries, and itinerary changes. Implemented advanced NLP for intent understanding, automated multi-step tasks, and delivered real-time conversational AI responses for enhanced user experience.

**Sign Language Recognition (IIT Mandi, iHub )**  
Developed an AI system to detect hand gestures and convert them into text. Enabled real-time gesture tracking to assist communication, using computer vision and machine learning for accurate sign recognition.

CERTIFICATIONS

**AI - Data Quality Analyst | IIT Mandi iHub** Aug 2024 – Nov 2024  
Certified in AI-Data Quality Analysis with expertise in data validation, cleansing methodologies, and quality assurance practices essential for maintaining reliable datasets in AI/ML environments.