

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.