

# Islam Nabi

AI Engineer | ML/DL/GenAI/Computer Vision/Speech AI | MLOps | Python | Exploring Agentic AI Systems

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## EDUCATION

### Sukkur IBA University

Bachelor of Science in Computer Science

Sukkur, Pakistan

2021 – 2024

## PROFESSIONAL EXPERIENCE

### AI Engineer Intern

PureLogics Software House

Sep 2025 – Present

Lahore, Pakistan

### AI Engineer Trainee

PureLogics Software House

May 2025 – Jul 2025

Lahore, Pakistan

- Completed a 12-week AI bootcamp mastering Python, data preprocessing, ML/DL (CNNs, Transformers), RAG, Generative AI, prompt engineering, AI agents, and deployment with Flask/FastAPI.

### Frontend Developer Intern

InternnCraft

Jul 2024 – Aug 2024

Remote

- Built responsive user interfaces using React and JavaScript.
- Implemented frontend components following modern web development practices.

## PROJECTS

### SmartInsureAI | Python, ML, FastAPI, AWS

- End-to-end ML pipeline for insurance risk assessment (data → deployment) with CI/CD automation

### WristScan | Python, YOLOv9, Flask, LLMs

- X-ray abnormality detection (YOLOv9) with LLM-powered automated reporting

### Market Research Agent | Python, Google Search API, OpenAI, SMTP

- Automated market research: data collection → analysis → PDF generation → email delivery

### YouTube Summarizer | Python, OpenAI, YouTube API

- AI-powered video summarization with transcript extraction, multi-model support (GPT-4o/4-turbo/3.5-turbo)

### RAG QA System | Python, Gemini, LangChain, FAISS

- Document Q&A system with PDF parsing, semantic search (FAISS), and Gemini-powered generation
- Streamlit interface with secure API key handling and efficient document processing

## CERTIFICATIONS

- AI/ML Specialization (3 Certificates)
- LLMs & Prompt Engineering
- Python Programming

DeepLearning.AI, Coursera

LangChain, Hugging Face, OpenAI API (DataCamp)

Great Learning

## TECHNICAL SKILLS

**AI/ML:** TensorFlow, PyTorch, Scikit-learn, CNNs, RNNs, LLMs, Transformers, Generative AI, RAG Systems, Prompt Engineering, AI Agents, Computer Vision, NLP, Speech Processing (TTS, STT, VAD, WER Analysis)

**MLOps:** Git/GitHub, Bitbucket, JIRA, DVC, MLflow, CI/CD, Model Deployment (Flask/FastAPI, Docker, AWS, Google Colab Pipelines)

**Programming:** Python, Java, C++, JavaScript

**Frontend:** HTML, CSS, JavaScript, React

**Data Engineering:** Preprocessing, Dataset Automation

**Concepts:** OOP, Data Structures, Algorithms, Research-driven Dataset Design

**Soft Skills:** Leadership and Collaboration, Communication, Management, Problem Solving

## ADDITIONAL INFORMATION

**Languages:** English (Fluent), Urdu (Native), Sindhi (Native)

**Interests:** Open-source contributions, AI problem-solving, Continuous tech learning