






Najaf Asghar Jafri

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PROFILE SUMMARY

I am Najaf Asghar Jafri, a BCA graduate from ERA University with internship experience in Python, AI, and Data Science. I have built real-time projects including a disease prediction system, biometric attendance system, and spam detection app. I am comfortable working with tools and libraries like Streamlit, Flask, MySQL, OpenCV, scikit-learn, and Pandas. A quick learner with a passion for technology and problem-solving.

EDUCATION

- **Era University, Lucknow**
Bachelor of Computer Applications (BCA) 2022 - 2025
- **Silver Line Computer Institute ,Lucknow**
Diploma in Computer Applications (DCA) 2019 - 2020

PROJECTS

- **AI-Powered Biometric Attendance System**
Developed as a Major project during college, this real-time face recognition system tracks check-in/out, calculates salaries, and stores data in MySQL using OpenCV and Streamlit.
- **DiaGnoFyAI- Intelligent Health Assistant**
Developed a disease prediction system that provides personalized suggestions for medication, diet, precautions, and workouts, along with downloadable health reports.
- **AI Virtual Eye Mouse**
Built a hands-free cursor control system using MediaPipe, OpenCV, and PyAutoGUI for real-time eye tracking. Presented at Nation PG College Tech Expo (Software Category) and showcased at ERA University Open Day Program for school students.
- **ML Ready AI**
Developed a tool that lets users upload raw datasets and instantly download cleaned, preprocessed, ML-ready data with automated EDA and AI-driven insights.
- **Website Chatbot**
Built and integrated an LLM-powered chatbot using LangChain and OpenAI/Groq into the official company website of Devmitra solutions during internship.
- **YouTube Video Summarizer & Translator**
Extracted and summarized YouTube transcripts with multilingual translation using Google Translate API.

SKILLS & TOOLS

- **Languages:** Python• Java• HTML• CSS•SQL
- **Libraries:**Pandas•NumPy•Scikit-learn • Matplotlib • Seaborn •LangChain •OpenCV•NLTK
•PyPDF2•Flask•LLM
- **Tools:** Google Colab•Anaconda•JupyterNotebook•VScode•Git & GitHub•Streamlit

INTERNSHIPS

Devmitra Solutions Pvt. Ltd.

AI/ML Intern

May-2025 - Aug-2025

- Built and deployed multiple NLP and LLM-based applications using OpenAI, Gemini, Groq APIs, and LangChain.
- Developed and integrated a chatbot into the official Devmitra website using Flask and LLM-based prompt engineering.
- Designed an AI-powered Resume & Cover Letter Generator using LLMs and deployed it with a Streamlit UI.

Slash Mark IT Solutions (OPC) Pvt. Ltd

Data Science Intern

April-2025 - May-2025

- Learned and applied the complete machine learning workflow, including data preprocessing, model training, evaluation, and deployment.
- Developed a Personality Type Classification Model using supervised learning techniques and questionnaire-based input data.
- Built a Car Price Prediction System using regression models trained on vehicle features such as year, brand, mileage, and fuel type.

Criterion Tech Pvt.Ltd

AI/ML In House Trainee

Feb-2025 - June-2025

- Gained hands-on experience in Python programming, data science fundamentals, and basic machine learning model development.
- Built a Heart Disease Prediction model using classification techniques and health-related datasets.

Slash Mark IT Solutions (OPC) Pvt. Ltd

AI Intern

Jan-2025 - March-2025

- Developed practical AI solutions using MachineLearning, ComputerVision, and Natural Language Processing (NLP) techniques..
- Designed a Sentiment Analysis Tool to classify user input as Positive, Negative, or Neutral using NLP and deployed it via Streamlit.

InternPe Pvt.Ltd

Python Developer Intern

Sept-2024 - Oct-2024

- Gained foundational knowledge of Python programming, including data types, control structures, functions, and file handling.
- Completed hands-on tasks and mini-projects focused on logic building and automation using core Python.

CERTIFICATES

- **Data science and Data Analysis** •HP LIFE
- **Artificial Intelligence using Python** •Infosys
- **Data Analysis with Python** •IBM
- **Python for Data Science** •IBM
- **Build Your ChatBot** •IBM

AWARD'S& ACHIEVEMENT'S

- **1st Prize – Software Category**, Tech Expo, Nation PG College (2025)
Led Team ERA'S Tech to victory with an innovative software solution.
- **2nd Prize – Quiz Competition**, National Youth Day, ERA University (2024)
Awarded for strong analytical and problem-solving skills.
- **Gold Medal – Mobilography**, Udgosh Events, ERA University (2024)
Recognized for creativity and excellence in mobile photography.

