

LAIBA JAWAID

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SUMMARY

As an **AI / ML Engineer**, my main focus is in the domain of **AI & Data Science**, building a strong foundation in programming, data analysis, and machine learning. I am a third-year **BSCS** student at **DUET**, passionate about developing AI-driven applications and automation systems. Skilled in Python, SQL, Power BI, ML and DL with a commitment to continuous learning and building intelligent, data-powered solutions.

EDUCATION

Bachelor of Science in Computer Science

Dawood University of Engineering & Technology, Karachi (2023 – Present)

FOCUS SUBJECTS

Artificial Intelligence	Data Science
Database Management Systems	Object Oriented Programming
Data Structures and Algorithms	Web and App Development
Devops / MLOps	

TECHNICAL SKILLS

Core Programming: C, C++, Java, Python, Dart.

Web and App Development: HTML, CSS, JavaScript, Bootstrap, JQuery, React, Dart, Flutter, GET/POST & RESTFUL API integration.

AI & Machine Learning: Scikit-learn, NumPy, Pandas, [TensorFlow, Streamlit, Flask, Django, FastApi, PyTorch, Keras, Langchain(Learning), LLMs, RAG, OpenAI, HuggingFace, Ollama. MLOps, NLP, Computer Vision].

Data Analytics & Visualization: Data Analysis, Visualization, Web Scraping, SQL, Power BI, Excel, Looker Studio, Matplotlib, Seaborn.

Database Management: MySQL, PostgreSQL, Oracle, MongoDB

Tools & Platforms: Jupyter Notebook, Google Collab, Git/GitHub, Figma, VS Code, PyCharm, Kaggle, Vercel, Railway, Render, Fly.io.

Deveops/ MLOps: Ngrok, Kubernetes, CI/CD, Async I/O, Docker, Azure (Computer Vision Services),

AWS (Learning).

EXPERIENCE

AI-Powered Data Insights - Virtual Internship

Exceleerate (*Remote*) (*Jul 2025 – Aug 2025*)

Conducted data cleaning, preprocessing, Churn Analysis and visualization using Python (NumPy, Pandas, Matplotlib, Looker Studio). Collaborated with a remote team to deliver AI-based insights. Collaborated with Teams all around the world to drive a single solution for cohort data of Exceleerate.

Data Science & Analytics - Virtual Internship

DevelopersHub Corporation (*Virtual*) (*May 2025 – Jun 2025*)

Explored datasets for business intelligence and trend forecasting. Developed reports using Power BI and Python. Enhanced analytical, teamwork, and reporting skills under real-world project conditions.

MY PROJECTS

Hidayah: Complete AI-based Islamic Web App (*Python - Streamlit*)

Practiced data extraction, using request, cleaning, and transformation. Strengthened experience on real-world API integration, NLP-based Quran analysis, and deployed it on Streamlit.

RAG-Based - Islamic Guidance Bot (*Llama3.2, BGE-M3 with Discord*)

A sophisticated bot using Llama 3.2 and BGE-M3 embeddings to answer historical and biographical questions with strict accuracy guardrails.

Workplace Attendance System - Face Recognition Based (*FLask with Facenet- 512 dim*)

Workplace attendance system using FaceNet (512-D embeddings) and OpenCV. Includes a Flask interface and SQLite backend for biometric data storage.

ML- Churn Analysis and Marketing Insights (*Python, PowerBi & PostgreSQL - Google Collab & Looker Studio*)

Built an analytics dashboard using Power BI and Python for KPI visualization at the end of my Exceleerate internship to present overall report to the management.

Online Cinema Booking System- Netflix Clone (*C++ & MySQL - Qt Creator*)

Created a GUI-based movie reservation system with seat selection and billing features. Made along with my classmates in university project.

CERTIFICATIONS

Master Python Programming – UDEMY

Advanced Data Analytics – COURSERA

Advance- Artificial Intelligence – NAVTTC PAKISTAN

AI & MLOps along with Microsoft Azure Foundary- INTERNATIONAL CERTIFICATE OF 'MS AI 900'