SAQLAIN HAMDANI

Machine Learning Engineer

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Profile

AI Engineer and Associate Software Engineer skilled in Python, FastAPI, LangChain, Django REST, and SQL. Experienced in RLHF, computer vision (OpenCV), data analysis, and backend API development. Passionate about building scalable, production-ready AI solutions.

Professional Experience

Devsinc   11/2024 – 07/2025
AI Engineer – Turing   Lahore

- Performed **Reinforcement Learning with Human Feedback (RLHF)** to enhance the performance of large language models (LLMs).
- Reviewed and validated **AI-generated code and outputs**, ensuring accuracy, efficiency, and adherence to best practices.
- Provided feedback to improve **LLM alignment** with user intent, contributing to higher-quality AI responses.

Associate Software Engineer – Devsinc

- Designed and developed scalable **RESTful APIs** using **Django REST Framework** and **FastAPI**.
- Implemented secure data handling and optimized **SQL-based workflows** for performance.
- Collaborated with teams through **code reviews** and agile practices to deliver production-ready solutions.

Agentic Chatbot - AI Database Assistant

- **Natural Language Interface**:
- Interact with your database using plain English
- **Full CRUD Operations**:
- Create, Read, Update, and Delete users
- **Smart Filtering**:
- Filter by username, email, city, company, or any field
- **Case-Insensitive Operations**:
- All data automatically normalized to lowercase for consistency
- **Chat History**:
- Track your conversation with the AI assistant
- **User Authentication**:
- Secure login system

Skills

Python	Prompt engineerin
Django REST	Ai automaition
ML	Ai agents
SQL	Automation : n8n
C++	

Projects

Final Year Project – Student Attendance System
- Designed and implemented an automated attendance management system using **Python, Django, OpenCV, and SQL**.
- Built reliable **backend services and RESTful APIs** for seamless data handling and integration.
- Optimized **database performance** and ensured system scalability for real-time usage.

AI-powered email classification agent
using n8n
- Setting up an **email trigger**
- Using an **AI text classifier** to categorize emails
- Branching workflows based on classification
- Applying labels or moving emails
- Optionally generating summaries or draft replies via AI models
- Automating actions without manual intervention using n8n

Certificates

Build Your Own Chatbot 🔗
By IBM

Introduction to Git and GitHub 🔗
by Google

Supervised Machine Learning 🔗
by coursera

Advanced Learning Algorithms 🔗
by coursera

Education

Bachelor of Science in Computer Science	01/2020 – 10/2024
University of Punjab	jehlum
Intermediate in ICS (Computer Science & Mathematics)	01/2018 – 12/2020
Punjab Group of Colleges	gujrawala