

# Hussain Jawaid

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## SKILLS

**Languages:** Python, JavaScript, SQL

**Technologies & Tools:** MySQL, FastAPI, ReactJS, Git/GitHub

## WORK EXPERIENCE

### Foundation Fighting Poverty, Remote

Jul 2025 - Aug 2025

#### Social Worker

- Assisted in raising donations through the FFP Information System (FIS) to support beneficiaries needing housing, education, and medical help.
- Researched and documented potential CSR and government grant opportunities for FFP's future projects.
- Supported social media engagement by promoting FFP campaigns, increasing visibility, and writing blog content to highlight success stories.
- Conducted an educational analysis on the public school system, identifying challenges and providing recommendations for improvement.

## PROJECT WORK

- McCarthy.ai (2025):** Developed an AI Powered Chatbot that inspired by ChatGPT. The user can create an account and start conversations; their conversations are saved in real-time to the MySQL database, and they can access them through the UI's sidebar. Python's FastAPI Server, Groq Cloud API, ReactJS, and MySQL. [GitHub Repo](#)
- Medical Data Extraction (2025):** It's a lightweight tool that allows users to upload medical PDFs (such as prescriptions or patient records) and automatically extract key information, including patient name, address, directions, and more. The project processes uploaded PDFs by converting them to enhanced images for accurate text extraction using OCR and Regex to capture key fields. It's built with FastAPI for backend processing, Streamlit for the interface, and pytest for automated testing. Python, OpenCV, and Pytesseract. [GitHub Repo](#)
- Expense Management System (2025):** Expense Management System where users can save their monthly expenses by category and instantly get monthly and category analysis. The project is organized into frontend (Streamlit app), backend (FastAPI server), and tests (pytest) folders, along with a MySQL database for expenses. [GitHub Repo](#)

## EDUCATION

### Mono Technical Institute, Karachi

2024 - Present

DAE. in Computer Information Technology

Relevant Coursework: Applied Physics, Applied Chemistry, Applied Mathematics, Computer Application Software, Introduction to Computer Programming, Object-Oriented Programming

## AWARDS AND CERTIFICATES

- Python: Beginner to Advanced For Data Professionals
- Internship Completion Certificate by FFP