

# MAISAM JAFAR

## SOFTWARE ENGINEER

### CONTACT

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### EDUCATION

2016 - 2020

MUHAMMAD ALI JINNAH UNIVERSITY

- Bachelors in Software

2014 - 2016

GOVT SUPERIOR SCIENCE COLLEGE

- Intermediate

### TECHNICAL SKILLS

- Languages: Java, Python
- Databases: MySQL
- Concepts: Object-Oriented Programming (OOP), REST APIs, Exception Handling, CRUD Operations, JSON
- Soft Skills: Leadership, Teamwork, Communication, Problem-Solving, Project Management, Analytical Thinking

### TOOLS

- IntelliJ IDEA
- Google Collabs
- Android Studio

### LANGUAGES

- Urdu (Fluent)
- Balti (Intermediate)
- English (Intermediate)

### PROFILE

Enthusiastic and fast-learning developer with hands-on experience in Java and Python programming. Holds a Bachelor's in Software Engineering and has managed tech-based projects in a professional setting. Skilled in building REST APIs, managing databases, and solving backend logic problems. Brings a unique mix of technical, communication, and leadership skills. Eager to contribute to real-world backend systems while continuing to grow in a collaborative environment.

### WORK EXPERIENCE

#### Confinality

Speech & Audio Project Manager

JUNE 2024 - JUNE 2025

- Led a team responsible for creating and managing voice generation tasks.
- Oversaw quality control and workflow efficiency.
- Trained new team members and coordinated with project stakeholders.

#### Craft Tech Digital

Android App Development Internship

MAY 2023 - AUG 2023

- Assisted in developing Android applications using Java and Android Studio.
- Helped design and build simple user interfaces using XML and Activities.
- Supported app testing and debugging tasks as directed by senior developers.
- Learned about Android app structure, UI components, and basic app functionality through hands-on experience.

#### ESSPL

Database Developer

AUG 2019 - SEP 2022

- Developed and optimized SQL queries to extract real-time and historical tracking data for vehicles across the fleet.
- Maintained and monitored large databases containing GPS, trip logs, driver behavior, and telemetry data.
- Generated automated reports for operations, customer support, and management using SQL and reporting tools (e.g., Excel, Power BI).
- Identified and resolved data quality issues in vehicle tracking records by writing validation scripts in SQL.
- Collaborated with the technical team to enhance backend data processes and support troubleshooting of tracking device data.
- Supported customer queries and internal investigations by pulling relevant data insights from the system.

### PROJECTS

#### 1. MP3 to WAV Audio Converter (Python)

Developed a Python script to convert .mp3 audio files into .wav format using the pydub library.

#### 2. User Management REST API (Java, Spring Boot)

- Built a basic REST API using Spring Boot to manage user data (CRUD operations).
- Connected the API to MySQL database and tested endpoints using Postman.
- Implemented exception handling and JSON request/response structure.
- Focused on practical understanding of backend logic, routes, and data flow.