

MARYAM AMANAT

SOFTWARE ENGINEER

CONTACT

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<https://maryam-portfolio-eosin.vercel.app/>

EDUCATION

BS SOFTWARE ENGINEERING

• SEP 2020 – DECEMBER 2025

The University of Lahore

KEY SKILLS

Data analytics

Python

Django Rest Framework

Backend Development

Machine Learning

JWT

Git

Docker

Sockets

Figma design

Canva Design

INTERESTS

Robotics

Artificial Intelligence

Project Management

Art and Design

Creativity

Travel

PROFILE

Motivated and detail-oriented developer with experience in Python, Django, and Machine Learning projects. Resourceful Django Backend Developer with hands-on experience building scalable APIs, secure authentication systems, real-time chat features, and production-ready backend architectures. Completed multiple end-to-end projects in Django, DRF, JWT, database design, and smooth API integrations for mobile and web apps. Also skilled in Canva and Figma, with a strong creative mindset.

EXPERIENCE

PYTHON DEVELOPER • JUNE 2023 – MAR 2024

Digital Optimizer

- Developed machine learning models to enhance predictive analytics.
- Collaborated with data scientists to optimize algorithms and improve accuracy.
- Engaged in code reviews to maintain high-quality standards and best practices.

BACKEND DEVELOPER • JUNE 2025 - PRESENT

Techanzy Limited

- Built complete backend systems using Django + DRF, from models to production-ready APIs.
- Implemented secure authentication using JWT with full request/response validation.
- Designed and tested APIs extensively in Postman.
- Worked with real-time messaging using Socket.IO and optimized room/connection handling.
- Collaborated with frontend teams for smooth integration across Flutter and web platforms.
- Ensured clean error handling and proper database migrations for all features.

MAJOR PROJECTS:

- Mehrum - Matchmaking/Matrimonial Platform (Complete Backend Development)
- Nestly - Real Estate Platform Backend
- Listico - Canadian Real Estate Platform
- Sentiment Analysis on 5k twitter data