

# TIMSAL HASSAN PASHA

Backend Developer | Python & Django | REST APIs

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## SUMMARY

Backend Developer intern at Enigmatix with hands-on experience in Python, Django, and Django REST Framework in a real production environment. Independently built four complete web applications covering e-commerce, inventory management, and alert systems. Comfortable working with SQL databases, authentication systems, REST APIs, and version control. Currently expanding into automation and CRM workflows using Go High Level. Open to backend developer roles, remote internships, and freelance projects.

## EXPERIENCE

### Backend Developer Intern

2025 – 2026

Enigmatix · Pakistan

- Build and maintain REST APIs using Django REST Framework — designing endpoints, serializers, validations, and error responses
- Implement authentication systems including Django All-Auth, token-based auth, and session management flows
- Use Redis for caching and performance optimization; work with SQL databases and write efficient queries
- Work with Docker for containerized environments; manage codebase with Git and GitHub including branching and pull requests
- Collaborate with cross-functional team members, participate in code reviews, and contribute to internal documentation

## PROJECTS

### E-Commerce Platform I — Mini Amazon

2025

Python · Django · SQLite · Django Auth · Class-Based Views (CBVs)

- Full e-commerce app with product, category, and brand management — complete CRUD operations throughout the system
- Cart system with add, update, and remove items; full checkout and order processing with order history tracking
- User registration, login, logout with Django built-in auth; admin panel for managing products, users, and orders

### E-Commerce Platform II

2025

Python · Django · SQLite · Django Auth · Function-Based Views (FBVs)

- Second complete e-commerce system built using FBVs to deepen Django understanding — product filtering, search, user accounts
- Custom form handling, Django template logic, and normalized database schema with proper model relationships and foreign keys

### Medicine Inventory System

2025

Python · Django · SQLite · Django Auth · University Project

- Complete medicine CRUD with stock quantity tracking; role-based access control with separate admin and staff dashboard views
- Revenue tracking dashboard showing total sales, per-medicine order history, quantities sold, and staff responsible for each order
- Admin manages all medicines, staff, and orders; staff can only view and process their assigned tasks — enforced at view level

### Disaster Alert Notification System

2025

Python · Django · SQLite · Django Auth

- Alert management with disaster reporting, severity level classification, and location-based tagging for each incident
- Role-based views — admins create and manage alerts while users can view all active alerts; one notification feature in progress

## EDUCATION

### BS Software Engineering

Feb 2024 – May 2028 (Expected)

The Islamia University of Bahawalpur · Relevant: DSA, Databases (Oracle), OOP, Software Engineering

### Intermediate — Pre-Engineering

2021 – 2023

Punjab Group of Colleges, Chishtian

## SKILLS

**Backend:** Python · Django · Django REST Framework · Class-Based Views · Function-Based Views · Django All-Auth

**Databases:** SQLite · MySQL · Oracle · PostgreSQL (familiar) · Database Design & Schema Modeling

**APIs & Auth:** REST APIs · JWT Authentication · Session Auth · Token Auth · Postman · API Security

**Tools:** Git · GitHub · Docker · Redis · Linux · Bootstrap · HTML · CSS

**Automation:** Go High Level (GHL) · Appointment Reminder Automations · Follow-Up Sequences · CRM Pipelines & Workflows

## CERTIFICATIONS & LANGUAGES

IELTS — English B2 · IDP Pakistan, October 2023 · Urdu (Native) · English (B2 — Independent User)