

# Usama Ahmed

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[Portfolio](#)

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## Summary

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I am Usama from Karachi, Pakistan a BSCS graduate (2025) seeking opportunity to apply & enhance my web development skills. I specialize in Python, Django and relational databases like MySQL, PostgreSQL with hands on experience in building scalable web applications & backend systems.

## Education

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### **SZABIST Hyderabad, Pakistan**

BS Computer Science *GPA: 3.33*

2021 - 2025

## Skills

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- **Languages:** Python
- **Backend:** Django
- **Libraries:** Pandas, Numpy, Matplotlib, Scikit-learn
- **Databases:** MySQL, PostgreSQL
- **Frontend:** HTML, CSS, Bootstrap, JavaScript
- **Others:** Git & GitHub, Deployment, Computer Networks
- **AI Tools:** ChatGPT, Gemini, Claude
- **LLM API:** Gemini LLM API, OpenAI API

## Projects:

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### **Final Year Project: Food Recommendation & Review Sharing Platform with AI NLP Search**

(Python, Django, SQLite, Data Scraping & Cleaning, Gemini LLM API, LangChain)

- **AI Food Assistant:** Enables natural language queries like "Best shawarma under 500 PKR", or "KFC vs Kababjees Fried Chicken", or "Best restaurants to go with family".
- **Restaurant & Menu Discovery:** Browse 200+ restaurants and 1000+ dishes.
- **User Reviews & Ratings:** Users can share and read food reviews.
- **AI Slang/Abusive Words Detection:** Used Gemini API to detect any bad word from any language from user reviews and ask them to remove Slang word from review.

### **QuickBizz – Django B2B Platform** (Django, Python, SQLite, HTML, CSS)

- QuickBizz is a Django-based B2B product-sharing platform built to enable inter-business collaboration.
- Allows businesses to list products, browse others, and request items they do not have in stock.
- Features include product request management, real-time tracking, and notifications.

### **URide** (Python, Django, Web Sockets, Django Channels)

- A simple ride booking app where users can share the ride when they are going somewhere and the one who need to go as well can book their slot and give them their desired Fare.
- Live chat between rider and customer via Django Web Sockets/Channels

### **Todo- App** (Python, Django, Deployed on vercel, Neon PostgreSQL)

- A simple task management system where users can add, edit, and delete tasks with user authentication, Register/Sign in/Logout.