

# Muhammad Uzair

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## Education

**COMSATS University Islamabad**  
*BS in Software Engineering*

*Mar 2021 – Jan 2025*

## SKILLS SUMMARY

**Languages:** Python

**Databases/OS:** MySQL, PostgreSQL, Windows,

**Frameworks:** Django, Django Rest framework, FastApi, Flask, Docker, GIT

**Tools:** Pycharm, VsCode, GITHUB Desktop

**Soft Skills:** Critical Thinking , Problem-Solving ,Effective Communication

## Experience

**TechieSolutions**  
*Junior Python Developer*

*USA (Remote)*  
*Dec 2024 – Present*

- Designed, developed, and maintained robust backend systems using Django and Django REST Framework to support scalable web applications.
- Implemented real-time features using WebSockets for live updates.
- Built RESTful APIs for seamless integration with front-end applications and third-party services
- Integrated third-party APIs (payment gateways, email services) and cloud storage solutions.

**Django Developer (Internship)**  
*Devsinz Intern Connect*

*Islamabad*  
*October 2024 – Nov 2024*

- Django Fundamentals and Frontend Skills Development
- Master Django basics, including setup, models, views, templates, and REST framework
- Learn advanced frontend integrations using JavaScript, AJAX, and responsive design techniques.
- Implement user authentication and authorization systems.
- Develop CRUD functionalities for blog post management, including draft/publish states, image uploads, and categorization.
- Consistently use Git for version control and collaborative development.
- Share progress, handle pull requests, and manage repositories effectively.
- Develop features like commenting, liking, and rating blog posts with interactive frontends
- Implement relational models to manage complex data relationships efficiently.

## Projects

**BidBazaar**

[github.com/name/repo](https://github.com/name/repo) 

- BidBazaar is an innovative online auction platform that incorporates advanced features to enhance the user experience and ensure seamless bidding processes. The project was developed with a focus on integrating dynamic bidding mechanisms, AI-driven participation, and a rewarding system to incentivize user engagement.

- The platform allows users to purchase virtual coins, which are used for placing bids on listed products. It employs secure user authentication and leverages the Stripe API for efficient payment processing. To maintain fairness, an AI agent automatically places bids in the final moments when the reserve price is not met, ensuring optimal outcomes for both buyers and sellers. A unique reward system allocates points based on bidding activity, encouraging active participation.
- The system is built using Django for backend development, Bootstrap for responsive design, and integrates APIs like Stripe for payment handling. Rigorous testing, both manual and automated, was conducted to ensure system reliability and functionality.
- Language, Framework, Database, Tools Used: Python, Django, MySQL, Pycharm

### **FrutoNest**

[github.com/name/repo](https://github.com/name/repo) 

- Frutonest is a web-based platform designed to seamlessly bridge the gap between consumers and fresh, organic produce providers. The platform aims to create a marketplace where users can discover, purchase, and explore various fresh and natural products in a user-friendly, interactive, and visually appealing manner.
- A robust and scalable backend framework used to manage data models, user authentication, and API endpoints. Clean and efficient data handling for product and user information
- Language, Framework, Database, Tools Used: Python, Django, MySQL, Pycharm

### **Kinder Bloom**

[github.com/name/repo](https://github.com/name/repo) 

- Kinder Bloom is a nurturing and innovative educational platform designed to foster creativity, curiosity, and a lifelong love for learning among children. It is a safe, inclusive, and stimulating environment where young minds can thrive academically, socially, and emotionally.
- Language, Framework, Database, Tools Used: Python, Django, MySQL, Pycharm

### **Insaniyat for Gaza – Humanitarian Donation Platform**

[github.com/name/repo](https://github.com/name/repo) 

- Developed a full-stack donation platform supporting Palestinian war victims using Django, MySQL, and Bootstrap, featuring 8+ modular apps (Causes, Events, Boycott Hub).
- Implemented real-time progress tracking for fundraising campaigns with automated slug generation and dynamic percentage calculations (Django ORM, Model-Slugify).
- Designed Boycott Hub with a 3-tier priority system (verified company reports, ethical alternatives) and user submission workflows.
- Built volunteer management and event coordination systems with form validation and AJAX submissions.
- Created responsive templates (Bootstrap) for campaigns, blogs, and transparency reports, improving user engagement by 40
- Managed project via GitHub
- Language, Framework, Database, Tools Used: Python, Django, MySQL, Pycharm