

# Shahmeer Hussain

## Python Developer

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### Skills

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Python | Django | FastAPI | Django REST framework | SQL | RESTful APIs | Microservices  
Stripe Integration | ORM | JWT | Swagger | Azure Data Factory | Azure Active Directory  
Azure Translator | Azure Services | Azure Content Moderator | Cosmos DB

### Professional Experience

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#### Software Engineer, *Devsinc*

03/2022 – 02/2024

I have worked almost 2 years at Devsinc as an Software Engineer and I have worked on different python projects including Different frame-works .

Lahore, Pakistan

### Projects

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#### LAZAZA [🔗](#)

- Utilized FastAPI framework to build a high-performance backend for the application, ensuring scalability and efficiency.
- Implemented Azure Active Directory for secure authentication and access control, enhancing the application's security posture.
- Integrated Cosmos DB as the database backend, leveraging its globally distributed, multi-model database service for seamless data storage and retrieval.
- Integrated Stripe payment gateway to enable seamless and secure payment processing within the application, providing users with a frictionless payment experience.
- Implemented meta tagging functionality to integrate with LinkedIn and Google Ads, enabling targeted advertising campaigns and improving user engagement.
- Utilized Azure Queues for building asynchronous messaging between application components, ensuring reliable and scalable communication.
- Leveraged OpenAI to generate dynamic titles and descriptions based on images uploaded by users, enhancing content relevance and engagement.
- Leveraged Azure Key Vault for secure storage and management of sensitive information such as API keys, credentials, and cryptographic keys, ensuring data confidentiality and integrity.
- Implemented testing to ensure the reliability and stability of the application, reducing the risk of regressions.

#### Maths Transformation

- Leveraged Django framework to build a scalable and robust backend for the virtual classroom application, providing a stable foundation for its features and functionalities.
- Implemented user authentication and authorization mechanisms to ensure secure access to the platform, allowing only authenticated users (teachers and students) to interact with the system.
- Developed features for teachers to schedule classes, manage course materials, and conduct live online sessions, enhancing the teaching experience and enabling remote learning.
- Integrated Azure Translator service to enable automatic translation of voice communication into multiple languages, promoting inclusivity and accessibility for users from diverse linguistic backgrounds.
- Implemented features for assignment creation, submission, and grading, enabling teachers to assess student progress and provide timely feedback.
- Conducted thorough testing, including unit tests, mocks.

## **Octagon**

- Utilized Django framework to build a robust backend for the job hunting platform, providing a stable and scalable foundation for its features and functionalities.
- Implemented web scraping functionality using libraries BeautifulSoup to gather job listings from various sources.
- Developed advanced filtering options allowing users to refine job search results based on criteria such as job title, salary rates, and geographic location.
- Integrated OpenAI's language model capabilities to generate personalized cover letters dynamically, leveraging job descriptions to tailor the content to specific job listings.
- Implemented user authentication and authorization mechanisms to secure access to the platform, allowing registered users to save preferences, track application statuses, and receive personalized recommendations.
- Conducted thorough testing, including unit tests, integration tests, and end-to-end tests, to ensure the reliability, functionality, and security of the job hunting platform.

## **Task Manger**

- Developed a web-based project management application similar to Jira using Django.
- Implemented user authentication and authorization functionalities for secure access control.
- Designed modules for creating, assigning, and tracking tasks within projects.
- Created a flexible project hierarchy and workflow system for customization.
- Developed reporting and analytics features for project progress insights.

## **Education**

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**University of Central Punjab, BSCS**

08/2019 – 08/2023

I have graduated from UCP with a cgpa of 3.87