

---

## Summary

---

Python Developer with 5+ years of experience in backend development, API integrations, and data migration, specializing in Django and FastAPI. Skilled in building scalable web applications, moving data from Django to Salesforce, and maintaining healthcare systems. Strong experience in database design, workflow automation, and improving system performance while ensuring data accuracy. Now exploring data science, with a focus on data engineering and analytics, to work with large datasets and gain deeper insights.

---

## Skills

---

- **Programming Languages:** Python, SQL, JavaScript
- **Frameworks and Libraries:** Django, FastAPI
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB
- **Web Development:** RESTful APIs, HTML/CSS, Bootstrap, AJAX, jQuery, JSON, WebSockets
- **Cloud and DevOps:** AWS (Lambda, S3), CI/CD, Deployment Strategies
- **Version Control and Collaboration:** Git, GitHub
- **Testing:** Pytest, unittest, API Testing (Postman)
- **Other Tools and Technologies:** Jupyter Notebook, VS Code, PyCharm
- **Soft Skills:** Problem-solving, Communication, Team collaboration

---

## Professional Work Experience

---

### Ctrl Launch | Python Developer Lahore, Pakistan | 03/2025 - Present

- Started working on the backend side of an AI-based health care application.

### Aspire Logics | Python Developer Islamabad, Pakistan | 09/2022 - 03/2025

- Developed a FastAPI-based integration to fetch data from Intelix and seamlessly push it into a Salesforce application, ensuring data consistency and efficient processing. Implemented both scheduled cron jobs and on-demand API calls for optimized data synchronization.
- Engineered a comprehensive data migration solution to transfer all records from a Django-based application to a Salesforce platform, meticulously mapping database schemas, handling complex data transformations, and ensuring data integrity across multiple entities. Optimized migration performance to minimize downtime.
- Maintained and enhanced a healthcare system built on Django architecture, supporting physicians and providers in managing daily hospital incidents. Focused on performance optimization, bug fixes, and feature enhancements to improve user experience and system reliability.

### Prescient Security | Backend Developer USA (Remote) | 06/2022 - 01/2023

- Developed a Django-based web application for employee reporting and ticketing, streamlining workflows and improving communication between employees and managers.
- Led the design and implementation of a scalable database schema using Django ORM to manage ticketing workflows.

- Deployed the application on PythonAnywhere, ensuring reliable access and performance.

**Innovative Technologies | Python Developer**  
**Islamabad, Pakistan | 03/2022 - 08/2022**

- Developed a Service Availability API using Django REST Framework (DRF) to determine service area coverage based on geographic coordinates.
- Designed and implemented a geospatial database to manage city, area, and route boundaries, improving service coverage accuracy.
- Applied the k-nearest neighbors (k-NN) algorithm for location matching and replaced the costly Google API, resulting in significant cost savings and system flexibility.
- Led system architecture design to ensure scalability and efficient geospatial data handling using Django ORM and Shapely.

**Lycore Pvt Ltd | Software Engineer**  
**Islamabad, Pakistan | 06/2019 - 03/2022**

- Developed and maintained multiple web applications (e.g., Salons Management, Hotel Management, Taxi Booking) using Python, Django, and Django ORM.
- Conducted requirements analysis, designed scalable database schemas, and implemented server-side logic.
- Deployed applications on Heroku, ensuring seamless user experience and robust backend performance.

**Pakistan Aeronautical Complex Kamra | Intern**  
**Kamra, Pakistan | 01/2019 - 01/2019**

- Gained hands-on experience in IT server infrastructure and learned about ISO standards in a professional setting.

**GlaxIT | Intern**  
**Islamabad, Pakistan | 07/2018 - 10/2018**

- Developed web applications using HTML5, CSS3, Bootstrap, and JavaScript, gaining practical experience in frontend technologies.

**InkStitch Ltd | Intern**  
**Rawalpindi, Pakistan | 06/2017 - 09/2017**

- Managed eBay store operations using StoreFeeder and Microsoft Excel, optimizing product listings and inventory management.

---

**Education**

---

**Master of Science in Software Engineering**  
Bahria University, Islamabad, Pakistan

09/2020 - 06/2022

**Bachelor of Science in Information Technology**  
Bahria University, Islamabad, Pakistan

09/2015 - 06/2019