

# KHANSA SHAFEEQ

Allahabad, India

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## Professional Summary

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Python Developer and Data Analyst with hands-on experience in Backend Development using FastAPI and PostgreSQL. Skilled in building RESTful APIs, database integration using SQLAlchemy, and performing data analysis using Python and SQL. MBA (Finance & IT) candidate focused on developing scalable, data-driven applications.

## Technical Skills

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**Programming:** Python (Pandas, NumPy, Matplotlib, FastAPI)

**Backend Development:** REST API Development, CRUD Operations, SQLAlchemy ORM, API Validation, Exception Handling

**Databases:** MySQL, PostgreSQL (JOIN, GROUP BY, Subqueries, Aggregations, Database Design)

**Data Visualization:** Power BI, Microsoft Excel

**Tools:** Git, GitHub, Jupyter Notebook

**Concepts:** Data Cleaning, Exploratory Data Analysis (EDA), Data Modeling, Dashboard Development

## Internship Experience

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### Backend Development Intern

Sept 2025 – Nov 2025

Amesie Enterprises

- Developed RESTful APIs using FastAPI with structured routing and request validation.
- Integrated PostgreSQL database using SQLAlchemy ORM for efficient data handling.
- Implemented CRUD operations with proper exception handling and response management.
- Designed backend services for file and PDF processing.
- Used Git and GitHub for version control and collaborative workflow management.

## Projects

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### Smart Resume Screener API | Python

- Built a Python-based API to automate resume screening using text processing techniques.
- Designed filtering logic to evaluate and shortlist candidates efficiently.
- Structured modular backend logic for request handling and data processing.

### Hotel Booking Cancellation Dashboard | Microsoft Excel

- Analyzed 10,000+ booking records to identify cancellation trends and customer patterns.
- Developed interactive dashboards using pivot tables, slicers, and charts.
- Generated insights to support revenue optimization decisions.

### Population Analysis Dashboard | Power BI

- Created interactive Power BI reports analyzing continent-wise population distribution.
- Implemented data modeling and dynamic filtering for enhanced business insights.

### Student Marks Data Analysis | Python, SQL

- Conducted exploratory data analysis using Pandas and SQL queries.
- Applied JOIN, GROUP BY, subqueries, and aggregation functions.
- Visualized performance trends using Matplotlib.

## Education

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### Master of Business Administration (Finance & IT)

2024 – Present

Madhu Vachaspati School of Management

SGPA: 7.69

### Bachelor of Technology (Biotechnology)

2019 – 2023

Sam Higginbottom University of Agriculture, Technology and Sciences

GPA: 7.2

## Certifications

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- Backend Development Internship – Amesie Enterprises (2025)
- Data Analytics with Python – UPTEC Prayagraj (2024)
- Basics of Python Programming and Data Structures – IIIT Allahabad
- Microsoft Excel Certification – Learn MorePro, Mumbai