

Shazia Jatoi

+32466325850 | bshaziaj@gmail.com | linkedin/bshazia-jatoi | Duffel, Belgium | <https://bshazia.io/>

PROFILE

Results-driven IT graduate with over 4 years of work experience gained before and during my bachelor's degree. I have worked on various projects with multiple teams, and have developed excellent skills in data collection, analysis, and visualization using Python, SQL and Power BI. I have a very strong background in Python and data modeling, SQL with robust programming skills, along with exceptional analytical and conceptual thinking abilities. I have proactive problem-solving skills, a team-oriented approach and ability to fit any environment as I am friendly, possess a can-do attitude, and have excellent organizational and management skills, with a strong ability to adapt to different cultures.

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, JavaScript, Scala, C#, PHP, Java, Typescript

Data Analysis: Data Cleaning, Preparation, Loading, Processing, Structures, Models, Statistical Analysis

Database Proficiency: MySQL, PostgreSQL, MongoDB

Data Visualization: Power BI, Tableau

Big Data Technologies: Apache Spark

Machine Learning: Classification, Regression, Decision Tree

Web Development: HTML, CSS, Django, Flask, ReactJS, VueJS

Software Testing: Manual Testing, Selenium, Cypress, Bug Tracking

Cloud Computing: Azure Data Factory, Azure Data Lake Storage Gen2, Azure SQL Database, Azure Monitor

Python Libraries: Pandas, NumPy, Matplotlib, Seaborn, Pyspark, SQLAlchemy, scikit-learn, NLTK, SpaCy, Requests, BeautifulSoup, Prophet, Plotly

Version Control: Git, GitHub, GitLab

API Development & Management: API Development (RESTful APIs), API Testing & Validation (Postman), API Documentation (Swagger), API Backend Development, API Frontend Development

Microsoft Office: Microsoft Excel (pivot tables, Charts, Dashboard), Word and PowerPoint

EXPERIENCE

Software Tester, (Part Time) aug-e

01/2023 – 05/2024
Belgium

- Conducted comprehensive manual testing for functional, regression, and integration on in house consumer facing application in Production and UAT as well DEV environment to find bugs, issues and provide a comprehensive report for improvements and solution.
- Conducted API testing and validation using Postman, reducing bugs in production by 20%.
- Collaborated closely with cross-functional teams to define and execute test plans and strategies, ensuring high quality delivery thorough coverage and smooth user experience.

Junior Data Analyst / BI Developer, Guttlu UG

06/2022 – 12/2022
Germany

- Established a comprehensive Data Warehouse for an eCommerce platform utilizing Python, MySQL, Power BI.
- Performed detailed data analysis & modeling to support business insights & strategic planning.

Projects:

- **Peak Hour Sales Analysis & Marketing Optimization:** Analyzed sales data to pinpoint peak customer activity times using SQL queries & data visualization.

Impact: . implemented targeted marketing strategies during identified peak hours, resulting in a 21% increase in sales revenue & improved ROI.

- **AI-Driven Inventory Forecasting System Development:** Developed & implemented an AI-powered inventory forecasting system utilizing historical sales data & machine learning algorithms to predict inventory requirements over a three-month horizon.

Impact: Reduced stock-outs 36% & optimized inventory management with AI-driven forecasting, ensuring sufficient stock to meet customer demand efficiently.

Junior Business Analyst, TecheiTulip

01/2019 – 02/2021
UAE

- Analyzed trends of monthly Key Performance Indicator results for performance improvement concepts.
- Created & delivered executive presentations to communicate strategic insights & business outcomes.

Projects:

- **Executive Product Recommendation Report:** Created a comprehensive report with product recommendations for senior management.

Impact: Enabled senior management to focus resources on profitable products, reducing costs & driving sales growth.

- **Market Trend Analysis:** Conducted a market trend analysis to inform product decisions.

Impact: Ensured the company's product offerings remained competitive & relevant, allowing them to capitalize on emerging market opportunities

EDUCATION

Bachelor's in Data Science, Protection and Security, Thomas More University of Applied Sciences

02/2024
Belgium

Core modules: Data Science, Database Management, Data Visualisation, Project management, Data Analysis, Machine Learning, AI, Web development, Scripting, Data Protection(GDPR) Hacking, Cyber Risk Management.

PROJECTS

web-based tool tracks COVID-19 cases

This project involves a combination of web scraping, data analysis, and API interaction

Intelligent-Music-Recommendation-System

This project creates a music recommendation system that provides users with different ways to discover songs

Covid vaccine data analysis

This project involves statistical analysis and visualization of Covid-19 vaccine data to identify trends and outcomes.

Sales Dashboards Using Power BI

This project involves developing interactive sales dashboards using Power BI to visualize and track key performance indicators, facilitating data-driven decision-making processes.

BEHAVIOURAL SKILLS

- Friendly - Team player - Can do Attitude
- Attention to detail - Cultural adaptability
- Excellent organizational & Management skills
- Ability to use good judgment to prioritize tasks
- Excellent communication & interpersonal skills
- Ability to explain complex systems in non-technical terms
- Able to work under pressure & meet deadlines in a fast paced complex environment

SELF DEVELOPMENT & CERTIFICATIONS

- Oracle Application Express (Udemy)
- Advanced Google Analytics (Google)
- Microsoft Azure Data Fundamentals: Explore data analytics
- Data Analytics & Visualization Job Simulation at Accenture North America Forage - June 2024

LANGUAGES

English — Fluent

Dutch — Basic