



Maryam Bibi

 Email: maryamshah.990@gmail.com  Phone: (+92) 3132383694
ID: 41306-4603021-2 Gender: Female Place of birth: Hyderabad, Pakistan Nationality: Pakistani

ABOUT ME

Software Engineering Student (GPA 3.9) | Expected Graduation: Dec 2025
Experienced Python and Java developer with six months of professional work. Skilled in data structures, algorithms, and building user-friendly applications. Coded desktop apps with Tkinter and Pygame, such as a voice-controlled alarm clock. Built a Java dental clinic system using JDBC and Swing for patient management. Proficient in web development with Flask, SQLAlchemy, and MySQL, with experience from a health-tracking app. Strong in data visualization using Pandas and Matplotlib, applied in health data charts, and Plotly Dash, used for a Netflix movie trends dashboard. Adept at solving problems logically, adapting to new challenges, and working in teams.

WORK EXPERIENCE

Verge Systems
City: Hyderabad | Country: Pakistan

[03/06/2024 – 02/12/2024] **Python Developer Intern**

Rah-e-Ilhai
City: Hyderabad | Country: Pakistan

[29/07/2023 – 30/12/2023] **Management Team**

EDUCATION AND TRAINING

[2017 – 2019] **Matriculation**

Beaconhouse School System
City: Hyderabad | Country: Pakistan |

[2019 – 2021] **Intermediate**

Beaconhouse College Campus, Qasimabad
City: Hyderabad | Country: Pakistan |

[2021 – Current] **Bachelor of Engineering in Software Engineering**

Mehran University of Engineering and Technology
City: Jamshoro | Country: Pakistan |

[05/2025] **Python for Data Science, AI & Development**

IBM

[06/2025] **Python Project for Data Science**

IBM

[06/2025] **Start Writing Prompts like a Pro**

Google

LANGUAGE SKILLS

Mother tongue(s): Sindhi **Other language(s):** English , Urdu

SKILLS

Technical Skills
Python (computer programming) | Flask (Python Web Framework) | Plotly Dash (Interactive Data Visualization) | Python (pandas, numpy, matplotlib) | TKinter (GUI) | Java (computer programming) | Data Structures & Algorithms | Basic Java (SE, JDBC, Swing) | WEB: Web Designer, Web Developer | MySQL
Key Soft Skills
Team work & Collaboration | Adaptability and responsibility | logic | Problem analysis & Problem Solving | GOOD COMMUNICATION

Voice-Controlled Alarm Clock | Python (TKinter)

Developed complete basic GUI application with voice commands

Link: <https://github.com/MaryamShah12/Python>

HealthTrack | Python (Flask, SQLAlchemy, Pandas, Matplotlib)

HealthTrack is a Flask-based web app that tracks meals, workouts, sleep, water, and mood, using MySQL, SQLAlchemy, Pandas, and Matplotlib for data storage and visualization. It features secure bcrypt authentication and a Tailwind CSS frontend with interactive health trend charts.

Link: <https://github.com/MaryamShah12/HealthApp>

Dental Clinic Management System | Java and MYSQL

Java Swing & MYSQL app for managing patients, appointments, and treatments with CRUD operations and data validation.

Link: <https://github.com/MaryamShah12/DentalProject>

Data Structures Pbl | Java

Java earthquake analyzer processing 23K+ seismic events to track high-risk areas and major quakes.

Link: <https://github.com/MaryamShah12/DataStructures-PBL->