# FIZZAH NASIR

+92 335 0531225 • nasirfiz53@gmail.com • http://www.linkedin.com/in/fizzah-nasir-777699289 •
https://github.com/Fiznasir/pygame.git

• • •

Junior Computer Science student with internship experience teaching in IT sector and proficiency in SQL query writing. Project experience includes data visualization and understanding databases using SQL.

## EDUCATION

**B.C.S., Computer Science** Graduating July,2026
Forman Christian College University 3.46 GPA
Lahore College for Women University
Relevant coursework: Database systems, Software Engineering , Data Structures and Algorithm in Python

## TECHNICAL SKILLS

**Data Analysis:** Power BI, MS Excel, MS SQL
**Design and Modeling Tools:** MATLAB
**Programming:** Python,Java
**Certifications:** 1st Position in the Robotics Competition held by IEEE

## PERSONAL PROJECTS

**E-commerce sales interactive Dashboard**
Analysed e-commerce sales data

- Used complex parameters to drill down in worksheet and customization using filters and slicers.
- Created connections, join new tables, calculations to manipute data and enable user driven parameters for viasualizations.

## ACADEMIC PROJECTS

**Hotel Management System** Spring 2024
Collaborated in a team of three to design database and software for Hotel management system.

- **Database Design:**
- Designed a normalized database schema using Entity-Relationship (ER) diagrams and created various tables.
- Developed the database using SQL (DBMS) and implemented primary keys, foreign keys, and indexes to ensure data integrity and optimized performance.
- **Software Design:**
- Designed and developed a multi-tier hotel management system using Html for the front-end and Python for the back-end.
- Implemented core features such as reservation management, check-in/check-out workflows, and reporting with a user-friendly interface.

## OTHER WORK EXPERIENCE

**Daadras Foundation, Aabroo Welfare High School : IT Instructor** July 2024 – Aug 2024

- Taught 40-50 under privileged and orphaned teenage students per week in Html , scratch programming and AI models

## ACTIVITIES

**Digital Logic Design Robot** Spring 2024
Won 2nd position in a digital logic design competition for a line-following and obstacle-detecting robot project.

- Designed a digital logic-based robot that autonomously follows lines and detects obstacles and implemented precise sensors and control algorithms for accurate navigation and obstacle avoidance.