# **Zahra Qaisar**

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Github: https://github.com/ZahraQaisar

# **OBJECTIVE**

I'm a BS Computer Science student with a strong interest in full-stack web development and hands-on experience in technologies like React, Node.js, Django, and MongoDB. I enjoy building practical, user-focused applications and solving technical challenges. I'm looking for an opportunity where I can learn from real-world projects, contribute to a collaborative team, and grow my skills in both frontend and backend development.

# **Skills**

- Technical Skills:
  - Programming Languages:
    - C++,
    - Python
  - Web Frameworks:
    - MERN Stack
  - Front-end Technologies:
    - Bootstrap,
    - jQuery
  - Back-end Technologies:
    - Django,
    - Express.js,
    - Node.js,
  - Database Management:
    - MySQL,
    - MongoDB,
    - SQL,
    - SQLite
  - Data Analysis:
    - Pandas.
    - NumPy
  - Version Control:
    - GitHub
- Soft Skills:
  - Strong Communication Skills

- Teamwork and collaboration
- Problem solving and critical thinking

#### Other Skills:

- Basic Knowledge of Adobe Illustrator & Photoshop
- Working Knowledge of MS Office

# **Projects:**

#### MERN Stack:

- CourierBox:
  - A courier booking and tracking system where users can register, book parcels, and check delivery status. Admins can update records. Built using React (frontend), Node.js, Express, and MongoDB (backend).

### • PYTHON DJANGO:

- Task-Ease:
  - A Django-based platform to help users find and hire helpers like maids, drivers, guards, etc., based on category and location. Includes profile viewing and admin dashboard.
- MovieApp:
  - A simple entertainment app made with Django where users can explore movies, search celebrities, and read blogs related to movies..

#### • PYTHON:

- Maze Game (using Pygame and Tiled):
  - A puzzle game where players collect stones to unlock the maze exit. Designed using Tiled for layout and Pygame for logic.
- Bank Management System:
  - Console-based banking app in Python that supports account creation, deposits, withdrawals, and balance checks with random account numbers.
- Shopping Cart Management System:
  - A basic console app to add/remove items, check available stock, and view final bill with quantity and total price.
- Valid Email Checker System:
  - A Python script that checks email format by validating symbols like '@' and '.', and ensures structure is correct.
- Merchandise Web App:
  - A small web app to browse shirts and pants, view product details, and place orders. Built with a simple UI and SQL database.

## • C++:

- Hangman game:
  - A console game where players guess letters to complete a word. Wrong guesses draw the hangman figure step by step.
- Merchandise Management System:

■ A menu-based C++ app to view products, place orders, and print bills. Developed using Programming Fundamentals and OOP concepts.

# **Experience**

Internee.pk – Remote - Al/ML Intern March, 2025 - May, 2025

### **Education**

Lahore Garrison University – Bachelors of Computer Science

Year of Completion: Expected June, 2026.

Lahore College for Women University – F.Sc Pre-Engineering

Year of Completion: 2020-2022

Aligarh Public School – *Matric Year of Completion: 2007-2020* 

### **Certifications:**

- → Advanced Python Programming and Applications NAVTCC(National Vocational and Technical Training Commission) PNY Institute ARFA KARIM
  - ◆ Learned Python from basics to OOP and built web apps using Django.
- → Python for Data Science Lahore Garrison University
  - Worked with datasets using Pandas and NumPy.
- → Programming Foundations with JavaScript, Html, Css Coursera DUKE University
  - ◆ Studied frontend basics like HTML structure, CSS styling, and JavaScript logic.
- → Graphic Designing Khurshid Akhtar Khan Training Institute
  - ◆ Gained hands-on experience in Adobe Illustrator and Photoshop.

### **EXTRACURRICULAR ACTIVITIES**

TECHSPHERE SOCIETY – Co - Lead of Management Team

Assisting with IT/CS-related workshops, seminars, and tech competitions — including organizing the 'Intra-Tech Competition', which featured multiple domains such as Web Development, Game Design/Development, Poster Designing, Quiz, and On-Spot Speed Programming — while actively supporting team coordination and event management.