

GHULAM QADIR

Darbar-e-Kareemi Wahcantt, Rawalpindi

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🐙 github.com/qadirrrr

Education

University of Wah

Bachelor of Science in Computer Science CGPA: 3.02/4.00

Sep. 2021 – May 2025

Wah Cantt, Rawalpindi

FG Degree College For Men, Wah Cantt

FCS

725/1100 (65%)

March 2019 – May 2021

Wah Cantt, Rawalpindi

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Wah Industries Limited

Web Development Intern

22 Jul, 2024 – Oct 14, 2024

Wahcantt, Rawalpindi

- Assisted in the development and maintenance of responsive websites using HTML, CSS, JavaScript, and modern frameworks to enhance user experience across devices.
- Worked with backend services and APIs to manage dynamic content and ensure seamless data flow between front-end interfaces and server-side systems.
- Collaborated with developers and designers through Git and GitHub to manage code versions, push updates, and coordinate tasks effectively within the team.
- Utilized Visual Studio Code and Chrome DevTools to debug, test, and optimize web applications for performance, accessibility, and cross-browser compatibility.

Projects

Vision X (Complete Protection Surveillance System) | Python, Yolo, PyQt, Flutter, Firebase

June 2025

- Built a real-time surveillance system using Python and OpenCV to detect intrusions and send alerts on both mobile and desktop apps.
- Integrated YOLOv8 object detection for tracking inbound and outbound vehicles and implemented video analytics to count traffic flow and detect prolonged vehicle stays near high-risk zones.
- Created secure access control features allowing guards to capture CNIC images via Flutter-based mobile app and store identity data in Firebase for authorized monitoring and verification.
- Deployed alert management and camera stream modules using PyQt5 and Firebase, enabling the system to display prioritized notifications and multi-camera views in a single unified dashboard.

Customizable eCommerce App | Flutter, Firebase, Android Studio

Nov. 2024

- Developed a Flutter-based eCommerce application allowing users to browse, select shirts, and customize designs.
- Integrated Firebase for real-time product data storage, user authentication, and secure order management.
- Implemented a dynamic product customization module where users preview shirt designs and choose preferred sizes before checkout.

AI-Based Movie Recommendation System | Python, VS Code

Oct. 2020

- Developed an AI-based movie recommendation system that suggests similar titles based on user-selected movies using a trained ML model.
- Trained the model using collaborative filtering and content-based techniques to analyze movie features and user preferences.
- Built a user-friendly interface where users select a movie and instantly receive personalized suggestions.
- Used Python with Pandas and Scikit-learn for data processing, model training, and recommendation logic.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL, Data Analyzing

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio, Excel, Power Bi, Arduino

Technologies/Frameworks: Linux, GitHub, WordPress