

JAVERIA ZIA

Student

in/javeriazia26

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Karachi, Pakistan

Objective

Computer Science student with practical experience in Flask backend development, SQL databases, and secure application development. Skilled in authentication, RBAC, password hashing, audit logging, and database design. Currently implementing REST APIs and seeking an internship in Backend Development, Database Management, and Cybersecurity.

Education

Federal Urdu University of Arts, Science and Technology

Karachi, Pakistan
BS in Computer Science
CGPA: 3.67/4.00

Courses

Database Management System
Software Project Management
Software Engineering

Fundamental of Programming
Data Structure and Algorithm
Object Oriented Programming

Projects

- Scholarship Funding Management System
- Student Scholarship Hub (Web Application)
- To-do App (Web Application)

Highlights

- Designed normalized relational databases (1NF–3NF).
- Developed secure Flask applications with authentication and RBAC.
- Implemented password hashing and CRUD operations.
- Currently integrating REST APIs.

Soft Skills

Problem Solving
Patience

Team Collaboration
Communication Skill

Technical Skills

- Languages: Python, C, SQL, HTML, CSS
- Frameworks/Libraries: Flask, SQLAlchemy, Flask-WTF, Flask-Login, Jinja2
- Databases: SQLite, Oracle Database
- Concepts: OOP, Data Structures, Database Normalization, Authentication, Authorization (RBAC), Password Hashing, REST APIs, CRUD Operations, Audit Logging
- Tools: Git, GitHub, VS Code, Oracle SQL Developer, Microsoft Office

Portfolio

<https://javeriaziaportfolio.framer.website>