

Muhammad Ahsan khan

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OBJECTIVE

I'm a Software Engineering student with a practical experience in backend development, especially with Java and Spring Boot. Like solving real-world problems through clean, efficient code. I've also worked with Python and web technologies, mostly through projects in class and on my own. Right now, I'm focused on learning more about software development and system architecture, and I'm looking for opportunities to grow and contribute to real-world projects.

ACADEMIC PROJECTS

Online Course Enrollment System

Jun. 2025

- Built a course registration platform handling scheduling conflicts, enrollment limits, and course auto-cancellation.
- Implemented real-time notifications and developed UI using Thymeleaf.

(Tech stack: Java, Spring Boot, Thymeleaf, MVC, Git)

Database Management System

Nov. 2024

- Designed a relational database for player stats, match history, and rankings with optimized queries.
- Worked in a team of 4 using Git and created stored procedures for fast data access.

(Tech stack: MySQL, SQL, Git)

Banking Management System

Aug. 2024

- Led development of a desktop app for account management, transactions, and reporting.
- Integrated MySQL using JDBC and enforced clean-code practices and version control.

(Tech stack: Java, JDBC, MySQL, Git)

School Management System (Mobile App)

- Developed an Android app to manage student records, attendance, timetables, and teacher information with separate logins for admins, teachers, and students.
- Used SQLite for offline data storage and designed intuitive UI screens with XML for a smooth user experience.

(Tech stack: Java, Android Studio, SQLite, XML)

EDUCATION

IQRA University

Expected Graduation: Nov 2026

Bachelor of Engineering in Software Engineering – Major: Computer Science

Karachi, PK

- **GPA: 3.0/4.0**

SKILLS & INTERESTS

Programming Languages

Grip level (Beginner, Intermediate, Advanced, Expert)

- Java (Intermediate – OOP, DSA knowledge)
- Python (Beginner – AI, NAVTTC course,)
- SQL (Beginner – basic queries and database concepts)
- HTML/CSS (Intermediate – Responsive Design)

Web & Development Tools

- WordPress (Intermediate – built a real-world e-commerce website)
- Git/GitHub (Intermediate – version control, structured code repositories)

Technologies & Frameworks

- Spring Boot · Thymeleaf · HTML · CSS · MVC Architecture

Productivity Tools

- MS Word · Excel · PowerPoint (Advanced)

Soft Skills

- Problem Solving · Debugging · Agile Collaboration · Documentation