

ARSALAN ALAM

Aspiring Software Developer | Computer Engineering Undergrad

Lahore / Gilgit, Pakistan | arslanalam4718@gmail.com | 0340-5596963

Portfolio: arsalanalam.netlify.app | LinkedIn: linkedin.com/in/arsalanalam47 | GitHub: arsalanalam47

SUMMARY

5th-semester BSCE (Computer Engineering) student with hands-on experience building database-driven, data-structure-heavy, and GUI applications in C++, Java, and Python. Comfortable across the stack — SQL schema design, server-side logic, application development, and web fundamentals (HTML/CSS, Flask) — and looking to bring that foundation to a software development internship.

EDUCATION

COMSATS University Islamabad, Lahore Campus

Bachelor of Science in Computer Engineering (BSCE) — 5th Semester — Expected 2028

HITEC School & College for Boys, Taxila

Intermediate (ICS — Computer Science) — 81% overall (88% in 11th class) — Gold Medalist, Best Performance in Boards (11th Class)

AMACG

Matriculation (SSC) — 94% overall (98% in 9th class)

TECHNICAL SKILLS

Languages: C++, Java, Python, SQL

Web & Frameworks: Flask, HTML/CSS, JavaFX

Concepts: Data structures (linked lists, heaps), relational database design, OOP

Tools: Git, GitHub

Relevant Coursework: Data Structures, Databases, OOP, Programming Fundamentals

EXPERIENCE

CloudExify — Summer Intern | Jul 2026 – Aug 2026

- Completed hands-on C++ development tasks covering program design, data structures, and CRUD-based application logic as part of a structured internship curriculum.

PROJECTS

Vaccination Management System | SQL, Python

- Designed a relational database to track vaccination records, immunization schedules, and patient data.
- Built the data layer to support record lookups and schedule tracking for administrators.

Accounting Management System | Java, JavaFX

- Built a desktop application for logging monthly salary and daily expenses across categories.
- Generated an automatic pie-chart breakdown of expense ratios at month end using JavaFX charting.

Cricket Score Tracker | C++

- Implemented ball-by-ball scoring with live scoreboard updates and automatic strike rotation.
- Used a linked list to manage the batting order and a max heap to surface the top batsman and bowler in real time.

LEADERSHIP & ACTIVITIES

- Member, Institute of Electrical and Electronics Engineers (IEEE)
- Member, ACE — Ambassadors of Computer Engineers
- Member, Microsoft Learn Student Ambassadors (MLSA)

LANGUAGES

English (Professional) • Urdu (Native) • Shina, Kohistani (Fluent) • Punjabi, Pashto (Basic)