

MUHAMMAD ABDULLAH HUSSAIN

SOFTWARE ENGINEERING STUDENT | INTERNSHIP CANDIDATE

Bahria Town Phase VIII, Rawalpindi

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🎯 CAREER OBJECTIVE

Motivated BS Software Engineering student (4th Semester) at Foundation University Islamabad with hands-on experience in Java OOP, Data Structures, C++, Database Systems, and web technologies (HTML/CSS). Seeking an internship opportunity to apply academic foundations in a professional software development environment, contribute to real-world projects, and develop industry-relevant skills under experienced mentors.

TECHNICAL SKILLS

Programming Languages

- Java — OOP, Collections, Exceptions
- C++ — Fundamentals & DSA
- HTML & CSS — Web Front-end

Databases

- SQL — Database Systems (FUI)
- ER Diagrams & Normalization

Core CS Concepts

- Data Structures & Algorithms
- OOP Design Principles
- Digital Logic Design
- Discrete Structures
- Computer Networks (basics)
- Information Security (basics)
- Artificial Intelligence (intro)

Tools & Productivity

- MS Office (Word, Excel, PPT)
- Basic Linux / Command Line
- Git (version control basics)

EDUCATION

BS Software Engineering (BSSE)

Foundation University Islamabad | *Expected Graduation: 2028*

Currently completing 4th Semester — 69/130 credit hours earned

Relevant Coursework (Semesters 1–4):

- Programming Fundamentals
- Object-Oriented Programming — Java
- Data Structures
- Database Systems — SQL & ER Modeling
- Digital Logic Design
- Discrete Structures
- Computer Networks
- Information Security
- Artificial Intelligence (Intro)
- Software Engineering Principles
- Probability & Statistics
- Software Design & Architecture
- Software Construction & Development
- Application of ICT

Higher Secondary Certificate (HSSC — Pre-Engineering)

Army Public School & College, DHA Phase 1, Rawalpindi | 2023

Secondary School Certificate (SSC — Pre-Engineering)

Army Public School & College (APS), Pasban, Rawalpindi | 2021

📁 ACADEMIC PROJECTS

Java Console Application (OOP)

Designed and implemented a Java-based application applying OOP principles — encapsulation, inheritance, and polymorphism — as part of OOP coursework.

LANGUAGES

- English — Fluent
- Urdu — Native

SOFT SKILLS

- Strong written & verbal communication
- Teamwork & collaboration
- Time management
- Quick learner & adaptable
- Problem-solving mindset

REFERENCES

Available on request

Database Design Project (SQL)

Created ER diagrams and normalized relational schemas; executed SQL queries for data manipulation and retrieval as part of Database Systems lab.

Data Structures Implementations (C++ / Java)

Implemented linked lists, stacks, queues, and binary trees from scratch; analyzed time and space complexity of algorithms.

Static Web Page (HTML/CSS)

Built a responsive static webpage using HTML5 and CSS3 demonstrating layout, styling, and basic responsive design principles.

INTERNSHIP READINESS

Per FUI BSSE policy, students are eligible for internship after completing Semester 4 (69 credit hours). Abdullah has completed all prerequisite technical courses and is well-prepared for a junior developer role in:

- Java / Backend development
- Web front-end (HTML, CSS)
- Database administration / SQL
- QA / Software testing support
- IT support or technical documentation