

Mir Ahmad Shah

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Professional Summary

Computer Science undergraduate with a strong academic foundation and hands-on experience in developing scalable technology solutions. Proficient in Python, C++, and Java, with practical experience leading academic projects focused on algorithms, systems design, and database architecture. Currently deepening expertise in Machine Learning and Artificial Intelligence through coursework, personal projects, and independent study. Passionate about leveraging AI to drive innovation and eager to contribute to impactful teams in Big Tech.

Education

Bachelor of Science in Computer Science (BS CS)

Riphah International University, Islamabad — 2023 – Present

Relevant Coursework: Programming Fundamentals, Database Systems, System Analysis and Design, Analysis of Algorithm, Data Structure, Object Oriented Programming (OOP), Software Engineering, Computer Organization and Assembly Language (COAL).

Website: <https://riphah.edu.pk> | CGPA: 3.47/4.00 (4th semester completed)

Intermediate in Pre-Engineering (HSSC)

IQRA College of Science, Jehangira Dist. Nowshera — 2021 – 2023

Grade: A

Matriculation in Science (SSC)

IQRA College of Science, Jehangira Dist. Nowshera — 2019 – 2021

Grade: A1

Projects

[Git Hub:](#)

- Library Management System – Python + MySQL
- Train Ticket Reservation System – Tkinter + Pickle
- Scientific Calculator – C++ & Java
- Tomato Leaf disease Classification – Python + Convolutional Neural Network (CNN)
- Tic Tac Toe – Assembly Language

Skills

- Languages & Frameworks: Python, Java, C++, SQL, HTML, CSS, JavaScript, Tkinter, Assembly Language, Dart, TensorFlow, CNN, Flutter
- Tools & Technologies: MySQL, GitHub, Git, PyCharm, Microsoft 365, Google Workspace, Netlify, Visual Studio, Android Studio
- Concepts: OOP, UI/UX Design, Relational Databases, Data Analytics, Prototyping, UX research
- Soft Skills: Problem Solving, Team Collaboration, Agile Mindset, Communication

Certifications

- [C++ Essentials 1 & 2 – Cisco NetAcad](#)
- [SQL and Relational Databases – IBM Cognitive Class](#)
- [UX Design – Google via Coursera](#)
- [Engaging Stakeholders for Success – Cisco NetAcad](#)
- [Computer Hardware Basics – Cisco NetAcad](#)
- [Foundations of AI and ML – Microsoft via Coursera](#)

Languages

- English | Pashto | Urdu