

AYESHA ABDUL RAHMAN

A passionate coder with a strong foundation in SQL, C, C++, shell scripting, JavaScript. Experienced in Linux environments and currently advancing skills in React, Machine Learning, and AI. Enthusiastic about learning new technologies and solving complex problems.

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[AyeshaAbdulRahman](#)



[Ayesha A.Rahman](#)

EDUCATION

Bachelor in Computer Science - CGPA: 3.14

National University of Computer and Emerging Sciences (FAST)

Aug 2022 – May 2026

Coursework: Object-Oriented Programming, Data Structures, Operating Systems, Assembly Language, Software Engineering, Database Systems.

Matric – A1 grade (87%)

Muhammad Ali Jauhar Academy

August 2007– August 2020

Intermediate - A1 grade (90%)

Govt Degree College Malir Cantt

August 2020 -April 2022

PROJECTS

Taqreeb – Online Event Management System

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES • September 2024 -November 2024

- Developed a responsive e-commerce website using HTML, CSS, NodeJS, and JavaScript(react).
- Built a secure backend
- Integrated React components for enhanced interactivity and modern UI/UX.

Online Real Estate Management System

Web Engineering Summer Boot Camp• August 2023 -November 2023

- Developed a responsive e-commerce website using HTML, CSS, PHP, and JavaScript(react).
- Built a secure backend
- Integrated React components for enhanced interactivity and modern UI/UX.

Voting Machine C++ (OOP)

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES • January 2023 -April 2023

- Developed an Electronic Voting Machine in C++ with an administrator panel for real-time vote tracking, voter registration, and secure ballot casting.
- Implemented features for district-wise vote management, voter authentication, and statistical analysis of election data

UNIX Shell Development

NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES • January 2024 -April 2024

- Developed a custom Unix shell in C, implementing built-in commands, system command execution, parallel processing, and output redirection

CERTIFICATION

Code Soft Python Internship

CODESOFT

- Gained hands-on experience in Python programming and its real-world applications.
- Strengthened debugging and problem-solving skills through practical coding challenges.

Web Engineering Summer Boot Camp

IBA Sukkar Sindh Govt Certificate

June 2023 – October 2023

- Learned to design and develop responsive websites using HTML, CSS, JavaScript, and modern frameworks.
- Gained experience in frontend and backend web development, focusing on user-friendly interfaces.
- Improved skills in UI/UX design, web optimization, and debugging web applications.

SKILLS

- **Tools & Technologies:** C, C++, HTML, CSS, Javascript, Assembly, SQL(mysql) and nosql (mongodb), Python, Shell Scripting, React.
- **Industry Knowledge:** Data Structures, Object-Oriented Programming (OOP), Databases(DBMS)
- **Interpersonal Skills:** Team work, Problem solving, Public relations