

MUHAMMAD MAMOON CHISHTI

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EDUCATION

Foundation for Advancement of Science and Technology (FAST) NUCES, Pakistan

September 2023 – Present

BS Computer Science

- **Relevant Coursework:** ICT, Digital Logic Design, Object-Oriented Programming, Data Structures and Algorithms, Computer Organization and Assembly Language (COAL), Database Systems, Operating Systems, Theory of Computation and Automata, Computer Networks, Software Design and Analysis, Natural Language Processing

Pak-Turk Maarif, Pakistan

August 2021 – 2023

A-Levels

LEADERSHIP EXPERIENCE

President - Debates Society | Pak-Turk Maarif

2021 – 2023

- Led debate training sessions, organized internal and external events, and selected teams for national competitions to elevate the school's debate culture.

President - PTMUN'22 | Pak-Turk Maarif

Feb. 2022

- Revived and led the school's flagship MUN conference, initiating its return and overseeing all executive operations

IT Director - PTMUN III | Pak-Turk Maarif

Nov. 2022

- Designed all digital content and managed the online presence, ensuring tech support throughout the event.

PROJECTS

Music Player | C++, Qt [\(view\)](#)

Apr 2024

- Built a desktop music player using Qt, featuring audio playback, playlist management, and file handling as part of a GUI-based application project.

Flappy Bird Clone | NASM x86 Assembly Language [\(view\)](#)

Jan 2025

- Created a side-scrolling arcade-style game with obstacle collision logic using x86 Assembly.

Gym Management Web App | Node.js, Express.js, React, SQL Server, HTML/CSS, JavaScript [\(view\)](#)

May 2025

- Designed a full-stack web application for gym operations including user accounts, attendance tracking, and equipment logging for a web development project.

Client Manager Desktop App | Python, Tkinter, CustomTkinter, MySQL, SMTP, ReportLab (PDF) [\(view\)](#)

May 2025

- Designed a full-stack web application for gym operations including user accounts, attendance tracking, and equipment logging for a web development project.

Water Filtration Plant Maintenance App | Nest.js, React, TypeORM, PostgreSQL, Typescript, AWS [\(view\)](#)

Aug 2025

- Built a production-grade NestJS & TypeORM application with PostgreSQL, AWS deployment, S3 image storage, and maps integration for managing water plant operations, employee reports, and logging systems.

Budget Management App | Nest.js, React, TypeORM, PostgreSQL [\(view\)](#)

Dec 2025

- Developed a full-stack budget management application enabling users to track income, expenses, and financial categories in real time.

SKILLS

Languages:

C++, C, Python, JavaScript, Typescript, HTML/CSS, XML, SQL, NASM x86 Assembly

Frameworks/Libraries:

Node.js, React, Express, Nest, Next, MongoDB, Postgres

Developer Tools:

Git, Bash

Software:

Visual Studio Code, Visual Studio, DOSBox