

# 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

<b>Languages:</b>	C++, C, Python, JavaScript, Typescript, HTML/CSS, XML, SQL, NASM x86 Assembly
<b>Frameworks/Libraries:</b>	Node.js, React, Express, Nest, Next, MongoDB, Postgres
<b>Developer Tools:</b>	Git, Bash
<b>Software:</b>	Visual Studio Code, Visual Studio, DOSBox