

# Muhammad Mohtashim Khan

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<https://github.com/mohtashim22khan>

## Education

<b>NED University of Engineering and Technology</b> BE Computer Systems Engineering   <b>3.25/4.0 GPA</b>   Awarded <i>Merit-based Scholarship - Professor Abdul Azeem</i>	<b>AUG. 2027</b>
<b>Adamjee Government Science College</b> Intermediate   Grade A-1 (87th Percentile)	<b>AUG. 2023</b>
<b>S.M Public Academy</b> Matric   Grade A-1 (98 <sup>th</sup> Percentile)	<b>AUG. 2021</b>

## Professional Experience

<b>CODEALPHA</b> ➤ CodeAlpha is a leading Ed-Tech platform in India, rapidly growing and focused on developing future tech creators through internships, certifications, and real-world projects.	<b>1st MAY. 2024 – 31st MAY. 2024</b>
<b>Python Developer</b> As part of this internship, I completed the following three tasks:  <b>Hangman Game Development:</b> <ul style="list-style-type: none"><li>Designed and implemented a text-based Hangman game in Python.</li><li>Utilized concepts such as loops, and conditionals, to create the game logic.</li><li>Implemented a user-friendly interface.</li></ul> <b>Stock Portfolio Tracker:</b> <ul style="list-style-type: none"><li>Developed a Python application to track and manage stock portfolios.</li><li>Integrated APIs to fetch real-time stock data.</li><li>Created functionalities for adding, removing, and updating stock holdings.</li></ul> <b>Text-based Chatbot:</b> <ul style="list-style-type: none"><li>Built a simple text-based chatbot capable of basic conversation and providing information.</li><li>Implemented natural language processing techniques to enhance user interactions.</li></ul>	

## Academic Coursework

- Computer Programming:** Learned basics of Python Programming such as syntax, data types, conditionals, loops etc.
- Object Oriented Programming;** Acquired the basic concepts of OOP like inheritance, polymorphism, operator overloading, method overloading etc and their implementation in Python language.

## Projects (Complex Engineering Problems)

- Designed and developed an online shopping cart in Python using the concept of Procedural Programming.
- Designed and implemented an online shopping cart using the concept of Object-Oriented Programming.

## Certifications & Specializations

Getting Started With Python   University Of Michigan   Coursera	<b>FEB.2024</b>
Python Data Structures   University Of Michigan   Coursera	<b>MAR.2024</b>
Java Programming: Solving Problems With Software   Duke University   Coursera	<b>FEB.2025</b>
What is Metaverse   Coursera	<b>FEB.2025</b>
Introduction To Front End Development   META   Coursera	<b>MAR.2025</b>
HTML And CSS In Depth   META   Coursera	<b>MAR.2025</b>
Programming With Javascript   META   Coursera	<b>MAR.2025</b>
SQL: A Practical Introduction For querying Databases   META   Coursera	<b>APR.2025</b>