

# Meer Modi

[mmm23@njit.edu](mailto:mmm23@njit.edu) | (908) 416-2191 | [linkedin.com/in/meermodi](https://www.linkedin.com/in/meermodi) | [github.com/MeerModii](https://github.com/MeerModii) | [meermodi.study](https://meermodi.study) | Roselle Park, NJ

## EDUCATION

### New Jersey Institute of Technology

Bachelor's of Science in **Computer Science**

Newark, NJ

Expected December 2025

- Cumulative GPA: 3.75 / 4.0
- Dean's Scholar: Fall 2022, Spring 2023, Fall 2023, Spring 2024

## WORK EXPERIENCE

### Software Developer / Information Technology Intern

New Jersey Courts

Bridgeton, NJ

June 2024 – Present

- Collaborated with colleagues to plan and develop an inventory management system for the judiciary, improving efficiency and accuracy in tracking court resources.
- Managed IT tickets and Microsoft Azure cloud configuration for court employees, including assigning roles and groups to users in Active Directory (AD) and installing custom operating systems on devices.
- Conducted software troubleshooting and provided technical support, enhancing the operational stability and security of IT systems within the judiciary.

### Teaching Assistant - Data & Computer Science

New Jersey Institute of Technology

Newark, NJ

January 2023 – Present

- Facilitated learning by teaching fundamentals of Java and Python, along with core software development concepts and Object-Oriented Programming (OOP) to equip students with essential skills for effective code design and implementation.
- Provided expert guidance in debugging and software troubleshooting to solve any technical or software issues.
- Conducted comprehensive grading of assignments and hosted labs for Data Science and Computer Science courses, ensuring accuracy and constructive feedback to enhance student learning outcomes.

### Pharmacy Technician

CVS Pharmacy

Westfield, NJ

June 2022 – October 2022

- Enhanced pharmacy workflow by assisting pharmacists with medication dispensing, labeling, and inventory management.

## PROJECTS

### Financial Asset Analysis Platform - Flutter Multiplatform

- Technologies & Frameworks Used: Flutter, Dart, Firebase, Microsoft Azure, Terraform, Python, CoinMarketCap API.
- Engineered a user-friendly and modern Flutter application to fetch and display market data for stocks and cryptocurrencies. Utilized APIs to integrate real-time market data into the application. Implemented Firebase for robust user authentication. Deployed Azure Functions to build a comprehensive database of historical market data. Designed and integrated interactive graphs for data analytics and market analysis. Used Terraform for infrastructure as code to deploy Azure Functions and SQL databases.

### Chess Application - Java, JavaFX.

- Engineered a sophisticated Chess application with a responsive graphical user interface, intuitive drag-and-drop mechanism, precise event handling, and a robust move validation system to ensure strict adherence to chess rules and achieving 100% accuracy.

### Marine Navigation & Mapping Software

- Technologies Used: Microsoft Maps API, Marine Traffic API, PHP, MySQL, JavaScript, Bootstrap, HTML.
- Lead the development of a marine mapping software, a dynamic web application offering real-time global ship tracking, shortest route calculations, and detailed port information for efficient navigation.

## TECHNICAL EXPERTISE

### Microsoft Azure

- Attaining profound expertise in Microsoft Azure's cloud architecture, spanning network infrastructure, storage solutions, advanced database services, computational capabilities, stringent security measures, governance protocols.

## SKILLS

**Technical Skills:** Java, Python, C++, JavaScript, Dart, Kotlin, PHP, Flutter, ElectronJS, Terraform, Microsoft Azure, AWS, Cloud Infrastructure, SQL, Data Structures & Algorithms, Object-Oriented Programming, API Integration, Firebase, JavaFX, Software Troubleshooting & Debugging, GitHub, jQuery, HTML, CSS, Bootstrap.

## LEADERSHIP & AWARDS

### NJIT Cricket | Club - Event Coordinator

Newark, NJ | September 2023 – Present

- Secured essential budgets for sport activities and acted as the head Event Coordinator, contributing to the organization's growth.

### NJ Technology Student Association | Award - Developer

Roselle Park, NJ | June 2022

- Awarded the third rank in a web development competition at the state level in New Jersey.