Meer Modi

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EDUCATION

New Jersey Institute of Technology Newark, NJ
Bachelor's of Science in **Computer Science** 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 Bridgeton, NJ
New Jersey Courts June 2024 – Present
- lead the planning and development of 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 Newark, NJ
New Jersey Institute of Technology 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 Westfield, NJ
CVS Pharmacy 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, Salesforce, Microsoft Office.

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.