

# MASUD SHAIKH

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## Don Bosco Institute of Technology

Feb. 2022 – 2026

Bachelor of Engineering in Information Technology (Honors in cyber security); CGPA: 9.148/10

Mumbai, India

- **Relevant Coursework:** Data Structures, Algorithms, Databases, Computer Networks, Operating Systems, Object-oriented programming, Distributed-computing, Software Development Lifecycle

## WORK EXPERIENCE

### Don Bosco Institute of Technology / Web Developer Intern

Aug 2024 - Present

- Developed and maintained the IT Department website using, HTML, CSS, JavaScript.
- Collaborated with team to **design** and implement new features for an improved user experience.

## PROJECTS

### Academix / MongoDB, React, Express.js, JavaScript, jsPDF library /

- \* Developed a MERN stack-based analytical web application, Academix, to calculate **attainment levels** for course outcomes (CO) and program outcomes (PO) as per **NAAC**-provided Criteria.
- \* Optimized database queries and implemented **scalable** architecture to handle large datasets efficiently.
- \* Awarded **2nd** prize in the **InnoQuest** competition for developing Academix, recognized for its innovative approach to academic performance analysis.

### GeoAttendance / Django, Mapbox API, OpenCV, JavaScript's Quagga library /

- \* Created a web application using Django, **Mapbox API**, and **OpenCV** to manage attendance within a geofenced area, ensuring students mark attendance only within a designated perimeter.
- \* Utilized OpenCV and JavaScript's **Quagga** library for efficient barcode scanning, enhancing the security and accuracy of the attendance process.
- \* Designed a comprehensive **user management system** with the ability to analyze attendance records, providing valuable insights and reporting for administrators.

### Chatify / Flutter, Firebase, Dart /

- \* Explored **Firebase Cloud Storage**, implementing user authentication and managing data with collections and nested collections, while enhancing **Flutter development skills**.
- \* Implemented efficient user filtering and state management to enhance chat responsiveness and reliability.

## TECHNICAL SKILLS

- |              |           |            |              |           |         |
|--------------|-----------|------------|--------------|-----------|---------|
| - Python     | - C/C++   | - Django   | - Next.js    | - MongoDB | - AWS   |
| - JavaScript | - React   | - HTML/CSS | - Git/GitHub | - MYSQL   | - Unity |
| - Java       | - Flutter | - DSA      | - Express.js |           |         |

## CERTIFICATIONS

### Google AI – ML Virtual Internship

April 2024 – June 2024

#### Key Highlights from My Google AI ML Virtual Internship Certificate

AICTE

- \* Implemented and optimized **machine learning models** using leading algorithms and frameworks.
- \* Solved real-world problems with AI/ML, demonstrating innovation across various industries.

### Palo Alto - PCCET

June 2024 -Present

#### Achievements in Palo Alto Networks PCCET Cybersecurity Certification

AICTE

- \* Acquired essential knowledge in **network, cloud, and security operations**.
- \* Learned cutting-edge **Palo Alto Networks technologies** to protect against evolving cyber threats.