

## EDUCATION

## Maulana Azad National Institute of Technology

Master of Computer Application | CGPA: 8.16

Bhopal, India

August 2025

## International Maritime Academy

B.Sc. Nautical Science | CGPA: 8.5

Chennai, India

December 2020

## Bss Parnav Children World

Higher Secondary Education (CBSE) | Percentage: 58.25

Jamshedpur, India

August 2017

## SKILLS SUMMARY

- Languages:** C, C++, HTML, CSS, JavaScript, React, SQL, Machine Learning
- Tools:** Excel, Ms-Word, PowerPoint, MySQL
- Platforms:** Visual Studio Code, CodeBlocks, Jupyter Notebook
- Soft Skills:** Leadership, Flexibility, Analytical, Decision-Making, Event Management

## PROJECTS

E-voting Management System | [LINK](#)

- Designed and developed an online voting management system using HTML, CSS, JavaScript (Frontend), and Node.js (Backend) to modernize traditional voting methods.
- Improved user interaction by 20% through intuitive UI/UX design and streamlined voting processes.
- Enhanced data security with encryption techniques, reducing potential breaches by 30%.

Personal Portfolio | [LINK](#)

- Designed and implemented a personal portfolio using JavaScript, highlighting projects and skills with a focus on visual engagement.
- Optimized the portfolio for both desktop and mobile views, enhancing user experience by 25%.
- Implemented responsive design principles, improving load times by 18% and ensuring accessibility across devices.

Image Classification Using CNN | [LINK](#)

- Created an image classification model utilizing Convolutional Neural Networks (CNN) with TensorFlow, achieving an accuracy rate of 92%.
- Pre-processed and augmented image data, improving model performance by 15%.
- Conducted hyperparameter tuning and model optimization, leading to a 10% increase in classification accuracy.

Predicting Glaucoma Disease | [LINK](#)

- Engineered an AI-driven web application leveraging IBM Watson to assess glaucoma risk, resulting in a 40% increase in early detection referrals and improving patient outcomes in the healthcare service line.
- Achieved a prediction accuracy of 89% by refining the machine learning model with patient data.
- Enhanced patient interaction and care by 20% through the implementation of an intelligent chatbot, offering real-time health guidance.

## CERTIFICATES

IBM SkillsBuild Internship Program: AI and Machine Learning | [LINK](#)

July 2024

- Successfully completed a comprehensive internship program focusing on AI and Machine Learning technologies.

Graph Theory Programming Camp | [LINK](#)

December 2023

- Attended a specialized programming camp by Code Master, gaining advanced skills in graph theory and its applications.

Job Ready Bootcamp: C++ | [LINK](#)

June 2023

- Completed an intensive bootcamp designed to prepare for professional software development roles using C++.

## ACHIEVEMENTS

**Amazon ML Summer School 2024:** Selected for Amazon ML Summer School 2024, and was getting training in machine learning from 10+ industry experts. [LINK](#)

**Programming Proficiency:** Achieved 5 stars on HackerRank in Algorithmic challenges, 527+ problems solved on LeetCode, and earned 2 stars on CodeChef.

**Leadership Experience:** Served as Cadet Captain for 2 years during college tenure.

**Academic Achievement:** Awarded a gold medal for ranking 1st out of 240 students in my Bachelor's degree program.