

# SHRIYA ALVA

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## EDUCATION

<b>NMAM Institute of Technology, Nitte</b> <i>B.Tech in Information Science and Engineering</i>	<b>2022 – 2026</b> 8.56/10 CGPA
<b>Ambika Padavi Poorva Vidyalaya, Puttur</b> <i>Pre-University College</i>	<b>2020 – 2022</b> 84.83/100
<b>Balavikas English Medium School, Mani</b> <i>Karnataka School Examination and Assessment Board</i>	<b>2010 – 2020</b> 88/100

## PROJECTS

### AgriBot – An Intelligent Chatbot for Farmers with Crop & Disease Prediction

- Developed an AI-powered chatbot to assist farmers with crop selection, soil-based recommendations, and real-time agricultural query resolution.
- Built machine learning models using XGBoost for crop prediction and ResNet for image-based disease detection, and deployed a Django-based web platform with image upload and instant diagnosis features.

### Smart Placement Deadline Tracker

- Developed a web-based placement reminder system to track recruitment deadlines and placement drives for students.
- Implemented automated email notifications and a responsive dashboard using Python, JavaScript, and REST APIs to reduce missed deadlines.

### Automated Queue Monitoring System

- Building a computer vision-based system using YOLOv8 and OpenCV to detect and count people in real-time from CCTV footage.
- Estimating wait times dynamically and serve live updates via a web dashboard.

## TECHNICAL SKILLS

**Programming:** Java ,Python,C

**Web Development:** React, HTML, CSS, Javascript

**Tools:**Git, Github

**Databases:**MongoDB,MySQL

## EXPERIENCE

### Software Intern – Navyan Technologies LLP

**June 2025 – July 2025**

- Contributed to frontend development of a learning platform using HTML, CSS, and JavaScript.
- Collaborated with backend teams for API integration and efficient data handling.
- Assisted in UI debugging, testing, and improving overall user experience.

## LEADERSHIP & ACTIVITIES

- President, Taaleem Club (2025–26):** Led coordination and event execution.
- Cultural Committee Member, Incridea (2024–25):** Supported planning and on-ground operations.
- Core Event Organizer, Navarasa (2024–25):** Managed end-to-end event execution.

## CERTIFICATIONS

**Oracle Cloud Infrastructure AI Foundations Associate (Completed via Oracle University)**