

# Nelluri Dolendra Sai Teja

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in dolendranelluri    🌐 Dolendra    My Resume Website

## Objective

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A passionate **B.Tech Computer Science student at RGUKT Basar**, specializing in **Full Stack and Machine Learning and Generative AI**. Experienced in building full-stack applications and deploying them. I have a strong interest in Machine Learning and am continuously exploring its applications. A self-motivated learner who thrives on exploring new technologies and continuously expanding my skill set.

## Education

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<b>Rajiv Gandhi University of Knowledge Technologies,Basar</b> <i>Bachelor of Technology in Computer Science</i>	<i>Sept 2023 – May 2027</i>
<b>Rajiv Gandhi University of Knowledge Technologies,Basar</b> <i>Pre University Course</i> <i>CGPA:9.88</i>	<i>July 2021 – May 2023</i>
<b>NTR Model School</b> <i>CGPA:10</i>	<i>April 2021</i>

## Certifications

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- Machine Learning Specialization - Andrew NG - **Coursera**
- Full Stack Web Development - **IBM**
- Career Essentials in Generative AI by Microsoft and LinkedIn - **Microsoft**
- Principles of Generative AI Certification - **Infosys**
- Object Oriented Programming - Java - **LinkedIn**
- Database Management System - **Scalar**
- Operating Systems - **Scalar**

## Projects

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### Alumni Association Portal

- A web-based platform designed to connect alumni with students and faculty, enabling networking, mentorship, and event updates. - Focused on **Frontend** done during SIH-2024
- Developed using HTML, CSS, JavaScript, and backend technologies for seamless interaction.

### Attendance Detection using Webcam

- An AI-powered system that automatically marks attendance using face recognition via a webcam.
- Integrated with a full-stack web application for real-time monitoring and record-keeping.

### Handwritten Math Recognition using ML

- A machine learning model that reads handwritten numbers and math symbols, then computes the result.
- Uses OpenCV, Mediapipe, and ML techniques for real-time recognition

### Personal Portfolio Website

- React Resume Website – dolendranelluri.netlify.app.
- Designed and developed a personal resume website using React.js
- Hosted on Netlify for fast and reliable deployment.

### AI-Based Student Performance Predictor

- A predictive model that analyzes student data (attendance, grades, activity) to forecast performance.
- Built using Flask for the backend, React.js for the frontend, and ML models for predictions.

## E-Commerce Website

- Built a fully functional e-commerce platform with product listing, cart, and checkout functionality.
- Used React.js and Tailwind CSS for frontend, Node.js/Express for backend, MongoDB for product/order data, and Stripe for payment gateway integration.

## Netflix Clone

- A front-end replica of Netflix using React.js and TMDB API for fetching movie data.
- Includes features like banner previews, category-based listings, and responsive design.

## Technologies

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- **Programming:** Python, Java, C, C++, JavaScript
- **Web Development:** HTML, CSS, JavaScript, PHP, React.Js, Node.js, Express, SQL, Mongo DB
- **AI/ML:** Scikit-learn, OpenCV, Mediapipe, TensorFlow, Latex
- **Tools and Technologies:** React.js, Numpy, Pandas, OpenCV, Mediapipe
- **Software and IDEs:** VS Code (with Jupyter extension), familiar with ML libraries
- **Soft Skills:** Strong communication, Self-Study, Time Management, and Organizational Skills

## Position of Responsibility

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**Class Representative:** Acted as a liaison between students and faculty, ensuring effective communication and coordination.

**Team Lead - Contest Organizing Team, Code Club:** Led Contest Organising Team and contributed to coding challenges and hackathons, enhancing engagement and technical skills.

## Achievements

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**DSA Enthusiast:** Solved over around 350+ problems in Data Structures and Algorithms, enhancing problem-solving skills