

# P.V.DINESH

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## CARRER OBJECTIVE

As a passionate and dedicated Computer Science Engineering student, specializing in Artificial Intelligence and Machine Learning, set to graduate in May 2025. Proficient in Java and Python with a solid understanding of SQL and Git and strong problem-solving skills. Seeking an entry-level role where I can apply my abilities, contribute to innovative projects, and continue learning in various areas of technology.

## EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (AIML)**  
Kalasalingam University, Srivilliputtur, Tamil Nadu | 2021- 2025 | CGPA: 7.09
- **MPC, BIEAP, Class XII**  
Sri Chaitanya Junior College, Vijayawada, Andhra Pradesh | 2019- 2021 | Percentage: 76.4%
- **SSC, BSEAP, Class X**  
Sri Chaitanya school, Vijayawada, Andhra Pradesh | 2018- 2019 | CGPA: 9.5

## SKILLS

- **Programming Skills:** Python, HTML, CSS,Java.
- **Database & Tools:** MySQL, Git, GitHub, MS-Office.
- **Soft Skills:** Communication, Problem Solving, Active Listening, Time Management, Team Collaborations.
- **Languages:** English, Telugu (Native), Hindi
- **Visualization Tool:** PowerBi

## PROJECTS

- **Traffic Anomaly Detection in Smart Cities:**  
This project aims to develop a sophisticated speed camera system using computer vision techniques with OpenCV in Python. Instead of relying on traditional sensors, the system will analyze video footage to detect and track vehicles. Team project earned Honorable Mention
- **Vocalizer: Speech-to-Text and Text-to-Speech Conversion**  
Developed a NLP which can convert text to speech and speech into text.
- **How honeybees are effecting due to climate change**  
Developed a Convolutional Neural Network (CNN) model for honey bee health assessment, saving it as a .h5 file. Integrated the model into a Flask web application, enabling users to upload honey bee images for analysis. Created an HTML interface allowing seamless image submission and displaying results indicating whether the bee is infected or healthy. This project combines deep learning and web development, offering a user-friendly platform for bee health monitoring.

## Certifications

- AIML ISRO Certificate [View](#)
- SQL [view](#)

## STRENGTHS

- Collaborative
- Innovative
- Dedicated
- Detail-Oriented

## HOBBIES

Meditation, Hiking, Reading Novels and Books