

# NANDANA S. NAIR

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## About

I'm a bright and motivated young student with a passion for continuous learning and growth with strong dedication to academic and personal excellence. Currently pursuing studies in Artificial Intelligence with a keen interest in machine learning and neural networks

## Education

### M M S K V ENGLISH MEDIUM SCHOOL

Class X

90.8%

2020

### N S S HIGHER SECONDARY ADOOR

Class XII

92%

2022

### SREE BUDDHA COLLEGE OF ENGINEERING,PATTOOR

B-Tech in Computer Science And Engineering(Artificial Intelligence & Machine Learning)

Cgpa:7.6

2022-present

## Skills

Python

C

Html

CSS

NLP

Machine Learning

Computer vision

Deep learning

Figma

Canva

Teamwork

Willingness to learn

## Project

### AI Driven Traffic Light Management System

Designed and implemented an intelligent traffic light management system that utilizes AI algorithms to analyze live traffic conditions. The system dynamically adjusts signal timings to optimize traffic flow,minimize delays, and reduce fuel consumption and emissions.

### Pothole detection model

This was my very first project in computer vision and object detection.I gained practical exposure to YOLO pre trained models and supporting libraries

## Achievements

### Design Lead- Mulearn SBC

leading poster and content design initiatives for community engangement

## Certification and Workshops

Web Development Training Program- coding cohort IEEE SNGCE Student Branch

Python Programming Workshop – STEM Robotics International

Introduction to Artificial Intelligence-issued by linkedin learning

Get started with Figma-issued by Coursera