# Chetana Lakshmi Yakkaluri

Jangalapalli,Andhra Pradesh 516411

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# Projects October 2024

# Arduino Based Traffic Light System

# Developed a traffic light system using Arduino to automate and optimize traffic flow at intersections

# Engineered the system to include sensors for vehicle detection, adjusting light durations based on real-time traffic conditions

# Demonstrated the effectiveness of the project by reducing wait times and improving traffic efficiency through the automated system's responsiveness

# Certificates

**Full Stack Web Development August 2022**

*Edureka —* [*Certificate Link*](https://www.edureka.co/certificates/mycertificate/6e9a9284007468463da0a06a0f5caf6b)

**Linux for Developers March 2021**

*Coursera —* [*Certificate Link*](https://coursera.org/share/437e196f726b1cfeba6a71cec39a7341)

# Technical Skills

**Languages** Python,Javascript

**Technologies/Frameworks**: Codetantra, Visual Studio Code, GitHub

**Skills**: Effective time management,Leadrership qualities,Scripting in Python,Html

# Education

**Lovely Professional University Punjab** **2024 – 2028**

*Computer Science and Engineering — CGPA: 9.23 Jalandhar, Punjab*

**Narayana Junior College** **2022 – 2024**

*12th with Science — Percentage: 95.00% Kurnool, Andhra Pradesh*

**Good Shepherd School** **2009 – 2022**

*10th with Science — Percentage:94.00% Nandyal, Andhra Pradesh*