

ADARSH P KURIAN



PERSONAL DETAILS

- Date Of Birth : 06/11/2002
- Age 22
- Nationality : Indian

COMPUTER SKILLS

- C Programming
- Object Oriented Programming
In Python, Java
- MYSQL
- HTML
- CSS
- Java Script

VOLUNTEER EXPERIENCE

- NSS VOLUNTEER (2023*)
- Troop Leader of Bharat Scout and Guides (2015-2021)

LANGUAGES

- Malayalam (Fluent)
- English (Fluent)

CONTACT

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Kattappana, Kerala, India

 [adarsh-p-kurian](#)



PROFILE

A highly motivated and detail-oriented B.Tech Computer Science student with a strong passion for learning and exploring emerging technologies. Adept at analyzing complex concepts and applying them to develop real-world solutions. Enthusiastic about software development, problem-solving, and innovation, with a keen interest in creating impactful applications. Strong analytical and technical skills, coupled with a continuous learning mindset, to drive efficient and scalable solutions in a dynamic environment.



WORK EXPERIENCE

Smart Ways - Smart Traffic Management System 2024-2025

- Developed a real-time traffic optimization system using intelligent algorithms to reduce congestion and enhance urban mobility.
- Implemented smart signal control mechanisms to dynamically adjust traffic flow based on real-time data.
- Selected as the Best Departmental Project and published as a journal in IJERA.

Small Python projects:

Strassen Matrix Multiplication GUI 2024

- Implemented Strassen's algorithm to optimize matrix multiplication performance, reducing computational complexity.
- Enhanced understanding of divide-and-conquer techniques and applied them to large-scale matrix operations.

MP3 Player using Python 2024-

- Developed a GUI-based MP3 player using Tkinter and Pygame with functionalities like play, pause, stop, and song navigation.
- Applied object-oriented principles to structure the project efficiently and enhance maintainability.



EDUCATION

12th Standard 2019 - 2021

St Jerome's HSS Vellayamkudy, Kattappana
PERCENTAGE: 97%

10th Standard 2018 - 2019

St Jerome's HSS Vellayamkudy, Kattappana
PERCENTAGE: 90%