

GAGAN UDYUTH

+91-9995928451 gaganudyuth2003@gmail.com <https://www.linkedin.com/in/gagan-udyuth-29b3b9318>
Kozhikode



OBJECTIVE

As an aspiring software developer with a solid academic background in computer science, I am passionate about leveraging my coding skills to build innovative software solutions. I thrive in collaborative environments and am eager to contribute to team's success by delivering high-quality results. With a strong commitment to continuous learning and growth, I am excited to tackle new challenges and stay ahead of evolving technologies in a dynamic development setting.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Vidya Academy of Science and Technology, Thalakkottukara, GPA 6.5/10

Thrisur, India
11/2021 - 05/2025

Higher Secondary Education

Markaz HSS Karanthur, PERCENTAGE: 93/100

Calicut, India
06/2019 - 05/2021

Secondary Education

KPCM Sree Narayana Vidyalayam Chethukadavu, PERCENTAGE: 85/100

Calicut, India
06/2018 - 05/2019

CERTIFICATION

Programming Using Python

Advanced Python Programming for Developing Competitive Coding Skills

Cyber Security And Ethical Hacking

Developed skills in safeguarding systems against cyber threats and ensuring the integrity, confidentiality, and availability of information systems.

WEB APPLICATION

web application is software accessed via a web browser, running on a server rather than a user's device.

Machine Learning for Absolute Beginners

Machine learning concepts including data preprocessing, model training, and evaluation using Python.

TECHNICAL SKILL

HTML , PYTHON PROGRAMMING, C PROGRAMMING, SQL, DATA BASE

SOFT SKILLS

Communication, Leadership, Team Work, Emotional Agility, Problem Solving, Fast Learner, Your Skill

PROJECTS

ESTIMATING REAL-TIME TRAFFIC DENSITY AND CONTROLLING TRAFFIC

- Created system optimizing traffic signals with image processing and object detection for dynamic signal adjustments based on real-time traffic data.
- Utilized YOLO algorithm for precise vehicle detection, enabling real-time adjustment of signal timings based on traffic density analysis.
- Developed simulations for comparing system performance with static signal setups.
- Contributed to urban mobility by implementing dynamic signal adjustments, reducing congestion, and improving traffic efficiency.

TECHNOLOGIES USED:

- Visual Studio, OpenCV , Object Detection (YOLO), Pygame

PASSIONS

EXTRA CURRICULAR ACTIVITIES

Active participant in Yoga, Kabaddi, Boxing

KEY ACHIEVEMENTS

Represented for KTU university Yoga team.

Received 3rd prize in Amateur Boxing District level competition.

LANGUAGES

ENGLISH

HINDI

MALAYALAM

REFERENCES

Dr Shameem S
Associate Professor & HOD –CSE
Vidya Academy of Science &
Technology, Thrissur, Kerala
shameem.s@vidyaacademy.ac.in

DECLARATION

I hereby declare that the above given information is true to the best of my knowledge and I believe that I shall serve your esteem organization with sincerity.

Kozhikode
November 23,2024

Gagan Udyuth