ALLAKA DURGA VENKATESH

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in VENKATESH_ALLAKA

OBJECTIVE

As I'm currently pursuing Under Graduation in Electronics and Communication, I am enthusiastic about embarking on a career in the software development field, leveraging my strong foundation in electronics and communication technology and my proficiency in programming languages such as C and Java. I am also well-versed in web development technologies including HTML and CSS,possess a solid understanding of database management through SQL.

TECHNICAL SKILLS

- Programming: C | Java
- Web-Development: HTML | CSS(Basics)
- Database: MySQL

EDUCATION

Godavari Institute of Engineering and Technology   2021 - 2025

- B.TECH

   Major in Electronics and Communication Engineering | CGPA: 8. (upto now) Minor

   in Computer Science (SQL, HTML, CSS, ML)

Matrusri Junior College   2019 - 2021

- Intermediate – MPC | CGPA: 8.76

Z.P. High School   2018 - 2019

- SSC | CGPA: 9.7

CERTIFICATE

- Programming in Java | NPTEL   2023

INTERNSHIP

Machine Learning – Intern | DataScience Academia-SaiChamundeeswari Academy   (May-July2023)
Completed a two-month internship focused on Machine Learning. Gained hands-on experience in data preprocessing, model training, and evaluation, while exploring various algorithms and tools to solve real-world problems.

PROJECTS

1. **Vision-Based Anti-Collision System for Autonomous Vehicles in Toxic Gas Environments**

   The research introduces a novel anti-collision system for autonomous vehicles in hazardous mining environments. By utilizing advanced HD cameras, the system overcomes challenges posed by poor lighting, dust, and toxic gases. This technology enables reliable lane detection, traffic sign recognition, and object avoidance, significantly enhancing vehicle safety. The integrated approach ensures robust performance, providing a crucial safeguard against accidents and improving overall operational safety in mines.

2. **Customer Segmentation and Market Based Analysis**

   Developed predictive models to forecast customer behavior and market trends. Customer segmentation involves dividing a market into distinct groups based on shared characteristics. By understanding these segments, businesses can tailor marketing strategies for optimal impact. This process analyzes customer data, identifies patterns, and creates actionable insights. Through effective segmentation, organizations can develop targeted marketing campaigns, enhance customer satisfaction, and drive revenue growth.

ACHIEVEMENTS

- Secured 1st place in two prestigious Kabaddi and Cricket tournaments
- Secured 2nd place in technical quiz at the college engineering day celebration.

STRENGTHS

- Problem-solving
- Time Management
- Continuous Improvement mindset
- Flexibility and Adaptability

HOBBIES

- Traveling
- Googling
- Playing Cricket
- Gardening