

HARSHITHA KUMMETHA

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SUMMARY

- Aspiring Artificial Intelligence and Machine Learning Engineer with a strong foundation in Python, Machine Learning, Database Management, and Software Development. Experienced in developing AI-driven applications and implementing automation solutions. Passionate about problem-solving, innovation, and leveraging AI for real-world applications.

EDUCATION

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of science And Technology	Chennai
Bachelor's Degree in Artifical Intelligence and Machine Learning	2022-2026
CGPA:7.9	
Narayana Junior College	Kadapa
Intermediate	2020-2022
CGPA:7.7	
Pragathi E&M High School	Kamalapuram
Class 10	2019 - 2020
CGPA:9.5	

TECHINICAL SKILLS

- Programming Languages: Python,java
- Database Management: MongoDB, DBMS
- Machine Learning: Concepts and applications using Python
- Software Development: Data Structures, Mendix Developer

PROJECT

PARENT TEACHER AI

- Developed an AI-powered scheduling system to automate parent-teacher meeting arrangements, optimizing time slots and reducing conflicts using advanced scheduling algorithms.
- Designed dynamic dashboards to visualize student performance, attendance, and behavior, offering actionable insights to teachers and parents.
- Implemented AI-driven sentiment analysis to process feedback, streamlining communication and enhancing engagement.
- Enhanced accessibility by integrating real-time notifications and multilingual support, accommodating diverse user needs.
- Key Tools & Technologies: Python, Machine Learning, Data Visualization (e.g., Tableau/Power BI), AI Algorithms

OBSTACLE AVOIDING AND VOICE CONTROL WITH BLURTOOTH CONTROL ROBOT VEHICLE

- Obstacle Avoiding and Voice-Controlled Bluetooth Robot Vehicle
- Developed a real-time obstacle avoidance system using ultrasonic sensors and path-planning algorithms to ensure safe navigation.
- Enhanced system responsiveness through efficient integration of hardware and software components.
- Collaborated on hardware assembly, motor driver setup, and communication module configuration to achieve precise control of the robot.
- Implemented voice control via Bluetooth, enabling seamless command input and improved user interaction.
- Conducted rigorous testing and validation to ensure reliability and adaptability across varying environmental conditions.
- Key Tools & Technologies: Arduino, Ultrasonic Sensors, Bluetooth Modules, Embedded Systems,

CERTIFICATE

- Machine Learning Using Python – Infosys Springboard
- Introduction to Java – Infosys Springboard
- MongoDB Administration
- Introduction to Psychology

SKILLS

- Team work
- Creativity
- Time management
- Public speaking

LANGUAGES

- English
- Telugu