V.VAMSHI KRISHNA

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OBJECTIVE

Dynamic Computer Science Engineering student with expertise in C, C++, Java, and C sharp. Skilled in both Windows and Linux environments, adept at rapid technology adaptation. Seeking internship or employment opportunities in IT, eager to apply technical proficiency and academic background. Committed to challenging projects that drive professional growth and innovative solutions.

EDUCATION

Bachelor of Computer Science and Engineering
BMS Institute of Technology and Management — CGPA :8.72 — 2021-present

12th-State Board, Vidya Jyothi P.U College — percentage:100 — 2019-2021

SKILLS

Technical Skills	Java,C/C++,C sharp,React JS,Python,Linux(Ubuntu),Web Develpoment,SQL
Soft Skills	Communication skills, Listening skills,Critical-Thinking,Problem-solving,Leadership
Tools	Android Studio,UiPath,SpringBoot
Certification	Java FullStack.

PROJECTS

Aqua Bot – Precision Monitoring for Pipeline Integrity (Ongoing Project)

- **Description**: An IoT-based bot designed for real-time monitoring of water and sewer pipelines, using algorithms like Binary Search Tree (BST) and Depth-First Search (DFS) to detect faults between city nodes.
- **Impact**: This solution enhances pipeline maintenance reducing downtime and maintenance costs, and ensuring a safe, consistent water supply to urban areas.

Web-based Weather App .

- Description: Developed a web-based weather application using HTML, CSS, JavaScript, and the WeatherAPI.
- Quantified Success: Achieved accurate weather forecasts with real-time data integration, resulting in improved user engagement and satisfaction.

AI-Based Chatbot

- Description: Developed an AI-based chatbot using Python, integrating the ChatGPT3 engine and NLP modules.
- Quantified Success: Enhanced user interaction and engagement through natural language processing, leading to improved conversational experiences and customer satisfaction.

IoT-Based Smart Dustbin

- Description: Developing an IoT-based Smart Dustbin using Raspberry Pi 3 and Python modules to detect fill levels, differentiate waste types, and send alerts via MQTT.
- Quantified Success: Project currently in progress with a focus on sensor integration and real-time monitoring.

EXTRA-CURRICULAR ACTIVITIES

- Playing badminton and cricket in leisure time, fostering teamwork, physical fitness, and sportsmanship
- Active Participant and Learner on HackerRank and LeetCode platforms, consistently honing problem-solving skills and algorithmic proficiency.