VENKATA SIVA NAGA SAI TARUN KODURU

Motivated and adaptable software developer with a solid understanding of programming concepts and hands-on experience in coding, debugging, and problem-solving. Passionate about learning new technologies and contributing to innovative software solutions.

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EDUCATION

KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

Bachelor of Technology - 8.06   April 2024

Sri Chaitanya Junior College

Class XII - 9.53   April 2019

Aditya High School

Class X - 9.0

PROJECT

Automobile E-commerce Platform Development. ⬀
- Designed and developed a full-stack Automobile e-commerce platform using React and Node.js.
- Integrated a payment gateway and implemented secure user authentication.
- Integrated real-time inventory management and order processing features.
- Enhanced user experience with responsive design and smooth navigation.
- Utilized React.js for dynamic rendering and improved performance.
- Tech stack - HTML , CSS , JavaScript , React.js , Node.js , Express.js , RESTful API , MYSQL .

Pesticide Detection & Control Measures in Fruits and Vegetables
- Developed an IOT-based pesticide detection system to monitor chemical residues in agricultural products from raw materials to export.
- Integrated smart sensors with wireless communication capabilities for real-time data transmission.
- Utilized advanced algorithms for accurate detection and analysis of pesticide levels.
- Enabled remote access to data for farmers and exporters, improving transparency in the supply chain.
- Tech stack - IOT Sensors, Arduino.

SKILLS

- **Programming Languages :** C, C#, Python, and DSA.
- **Front-end :** HTML, CSS, JavaScript and React.js.
- **Back-end :** Node.js, Express.js, RESTful API design and MYSQL.
- **Tools and Software's :** Git, GitHub, Visual Studio Code and Postman.

CERTIFICATE

HackerRank Certified: Frontend Developer(React.js) ⬀

HackerRank Certified: React.js ⬀

Microsoft Certified: Azure Fundamentals ⬀

Simplilearn Certified: Introduction to Front End Development ⬀

Great Learning Certified : My SQL Basics ⬀

ACHIEVEMENTS & ACTIVITIES

- Led a team of five in the KITS 36-hour IoT hackathon and developed a working prototype of "Spider Robot and Explosive Detection".