VARANASI KRISHNA SAI

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ABOUT

Recent engineering graduate skilled in Python, HTML, and CSS, with a solid foundation.Proficient in full-stack development, with a keen eye for detail and a commitment to best practices in software engineering. Seeking a challenging position to utilize myself-motivation, hardwork, and leadership qualities for the organization's success and personal growth. Committed to continuous skill development and embracing new opportunities for learning.

EDUCATION

Vignan's Institute of Information Technology **June 2020 – April 2024**
Bachelor of Technology in Electrical and Electronics Engineering with 8.68 CGPA. Visakhapatnam

Sri Chaitanya Junior College **June 2018 – April 2020**
Board of Intermediate Education with 9.09 CGPA. Visakhapatnam

S.F.S. HIGH School **June 2017 – April 2018**
Board of Secondary Education with 9.7 CGPA. Visakhapatnam

INTERNSHIP EXPERIENCE

Robocoupler Pvt. Ltd. **June 2023 – July 2023**
Web Developer Intern Visakhapatnam

- Leveraged AI algorithms and frameworks to create intelligent web applications, significantly improving functionality and user experience.
- Engineered full-stack applications with Python and PHP, handling both front-end and back-end tasks, thereby acquiring a versatile skill set in AI-integrated full-stack development.

PROJECTS

Obstacle Avoiding Car Using Arduino | Arduino, MATLAB

- By integrating ultrasonic sensors with an Arduino board, the car successfully detects obstacles in its path and adjusts its movement to avoid collisions.
- Exhibited exemplary teamwork abilities by collaborating effectively with peers on various academic projects. Consistently contributed to the group's success through proactive communication, reliable participation, and a commitment to achieving outstanding results.

Automated Checkout System for Royal Enfield Accessories| Python, Tkinter, Pyqrcode, PIL

- Developed a user-focused e-commerce storefront that enhanced product discovery and streamlined the checkout process, leading to a 30% boost in user engagement.
- I spearheaded the design and optimization of key features aimed at enhancing the product discovery, selection, and checkout processes. These improvements significantly elevated the overall user experience, making it more intuitive and seamless for customers to find and purchase products.

Analyze the Energy Transfer System's performance utilizing CCCV Control for the EV Battery Charging Method | MATLAB

- By employing CCCV control, the system effectively manages the charging process through two distinct phases: initially applying a constant current to rapidly charge the battery and then switching to constant voltage to maintain safety and prolong battery lifespan.
- This approach not only ensures a more reliable and efficient charging process but also minimizes the risk of overcharging and thermal stress on the battery.

Technical Skills

Languages: C, Python, Java, HTML, CSS, Cybersecurity
Databases: DBMS, SQL
Soft skills: Analytical, Communication, Solution-Oriented, Creative, Problem-solving

EXTRA CURRICULAR ACTIVITIES

Code Bate – 2K22

- As the lead organizer of Code Bate, a highly successful coding competition, I showcased my project management and leadership skills by overseeing all aspects of the event. This competition brought together 60 participants.

CERTIFICATIONS

Python Programming – DATAPRO
HTML For Beginners – UDEMY
Networking Essentials – CISCO
Cybersecurity Essentials – CISCO