BHASKAR MADIGA

◎ Anantapur, India   📞 + 91 9347254971   ✉ bhaskarbhaskar3241@gmail.com

🌐 https://www.linkedin.com/in/bhaskarmadiga/

Summary

Results-driven entry-level software developer with strong time-management and leadership skills, dedicated to delivering high-quality solutions and collaborating with cross-functional teams for project success.

Education

B.tech in Electrical and electronic engineering · SRI Sathya Narayana Engineering college   **Aug 2019 - May 2023**

Electrical and Electronics Engineering · Grade: 7.08

12Th · APSWRS Junior College   **Jun 2017 - Jun 2019**

Grade: 92.9

10th · Z P High School   **Jun 2016 - Jun 2017**

Grade: 8.3

Projects

WIRELESS POWER TRANSFER TO ELECTRIC VEHICLES ALONG WITH REGENERATIVE BRAKING USING BATTERY-SUPERCAPACITOR COMBINATION   **Sep 2023 - Dec 2023**

The project addresses the need for widespread EV charging stations by modeling a multiport converter-based station integrated with PV power generation and battery storage. Using ANSYS Twin Builder, it optimizes the control scheme to balance power gaps, perform peak shaving, and compensate for voltage sags. Simulation results show reduced impact on the power grid and increased efficiency through the use of Sic devices compared to conventional Si devices in various charging modes.

E com website using HTML and CSS   **Nov 2023 - Dec 2023**

Developed and designed an exceptional e-commerce website utilizing CSS and HTML. Ensured seamless navigation and enhanced the overall user experience with a visually captivating online shopping interface. Employed expert skills in CSS and HTML to create a user-friendly platform for easy online transactions. Created an aesthetically pleasing online shopping environment that was both visually appealing and user-friendly. Developed a highly functional e-commerce website that provided customers with a seamless and visually appealing online shopping experience.

DESIGN OF A HYBRID ELECTRICAL VEHICLE   **Aug 2022 - Mar 2023**

SRI Sathya Narayana Engineering college

The project aims to design and fabricate a two-wheeler hybrid electric vehicle, leveraging both battery and gasoline power for improved fuel economy and reduced environmental impact. The hybrid system combines an electric motor, battery, and internal combustion engine, with features such as regenerative braking. The comprehensive approach involves CAD design, simulations, equipment analysis, assembly, electric power drive implementation, and efficiency optimization, making it suitable for urban areas with high traffic.

Achievements and Awards

Full Stack Java Developer   Dec 2023

Earned certificate with Honor upon completing the full stack development program. Proficient in front technologies (HTML, CSS, JavaScript) and back-end technologies. Earned certificate with Honor upon completing the full stack development program.

CERTIFICATION OF MERIT/PARTICIPATION   Mar 2023

SRI Sathya Narayana Engineering college

Consistently excelling in Technical & E-quiz competitions, I've earned multiple merit certificates and substantial prize money, showcasing proven proficiency and a track record of success. Noteworthy results highlight my dedication, knowledge, and exceptional performance in these competitive arenas.

Skills

Core java., Spring/Spring boot, HTML , CSS , JAVASCRIPT , BOOTSTRAP , REACT JS, Oracle DBA, j2ee