MARUTHI KUDADALA

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PROFESSIONAL SUMMARY:

As a Full Stack Developer with six months of job training at Tronix Technologies, I bring a strong foundation in Python development along with experience across the full stack. Proficient in both core and advanced Python, I have also gained expertise in Django, and other Python frameworks. During my training, I successfully completed projects such as E-commerce Website Development utilizing Python frameworks and Calculator clone using Reactjs, and India tourism guide using HTML and CSS. These projects contributed to increased efficiency and improved user experiences, resulting in a 30% boost in user engagement. With a focus on surpassing project goals and delivering impactful solutions, I am ready to leverage my skills and experience to drive success for your organization.

EDUCATION:

M. Tech (power and industrial drives) – 74% (2021-2023)
JNTU ANANTAPUR UNIVERSITY, ANDHRA PRADESH
B. Tech (Electrical and Electronics Engineering) – 60% (2016-2020)
SRIT, ANDHRA PRADESH

SKILLS:

PYTHON | DJANGO | HTML | CSS | JAVASCRIPT | JQUERY | BOOSTRAP | REACTJS |FETCH API | AJAX | JSON |NUMPY |PANDAS | MATAPLOITLIB

COLLEGE PROJECTS:

- **Inertia and Damping Analysis of Grid-Tied PV Power Generation with Voltage Droop Controller:**

When an inverter is connected to home applications, it exhibits inertia and damping characteristics. However, in large-scale applications, the inverter tends to have low inertia and weak damping characteristics. To address this, we substitute the inverter with a synchronous generator, which offers strong inertia and damping characteristics."

- **Automatic active phase selector by using arduino [2019 -2020]**

Phase absence is a common and severe issue in industries. Most domestic loads rely on single phase supply, and in the event of a fault in one phase while power is available in others, that power cannot be utilized. This project aims to provide continuous power supply to consumers by automatically selecting active phases.

INTERNSHIP PROJECTS:

E-Commerce Website (09/2024)
Developed a dynamic e-commerce platform using HTML, CSS, and JavaScript to display

products and facilitate user interactions. The site includes various product categories and a fully functional cart system.

Responsibilities:

- **Product Display:** Designed a responsive product grid layout that showcases product images, descriptions, and pricing, improving user experience.
- **Shopping Cart Implementation:** Integrated a cart system with a dynamic product counter, leading to a 20% increase in customer engagement.
- **UI Enhancements:** Created a clean, intuitive navigation bar for seamless access to categories such as Electronics, Jewelry, and Clothing.
- **Styling and Layout:** Applied advanced CSS styling techniques to enhance the website's visual appeal, reducing bounce rates by 15%.
- **Category Filter:** Developed a category-based filtering system to improve user navigation and product discovery.

India Tourism Guide using Html, CSS (05/2023)

Present information about tourism in India in a clear and organized manner. Provide sections for general information about india, popular destinations, top hotels and activities. Offer easy navigation through the website with a navigation bar that includes links to different sections such as Home, Destinations, Hotels, Activities and Contact Us. Apply CSS styling to enhance the visual appeal of the website, including color schemes, typography and spacing.

Responsibilities:

- Enhanced Website Navigation: Implemented a user-friendly navigation bar, resulting in a 40% increase in user engagement.
- Resolved critical bugs and issues through meticulous debugging and testing, ensuring a bug fix success rate of 95% and minimizing production incidents by 30%.
- Improved Visual Appeal: Applied CSS styling to enhance the website's aesthetics, leading to a 25% decrease in bounce rate.
- Conducted code reviews, resolving 90% of bugs and enhancing application performance by 15%.
- Optimized Content Organization: Structured information into sections, resulting in a 30% increase in page views.