Prashanth kumar

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ABOUT ME

I am highly motivated and results-driven as Software implementation Engineer . To secure a challenging position where I can utilize my strong technical and soft skills while allowing me the opportunity to grow technically face challenges, and solving real time problems creatively.

EXPERIENCE

4TH QUARTER TECHNOLOGIES
JAN-2024-PRESENT

Python Developer with 5 months of experience in building scalable web applications using Django and PostgreSQL. Successfully developed an e-commerce platform with features like user authentication, shopping carts, and secure payment integration. Optimized performance and enhanced user experience through efficient API integration and responsive UI design.

Professional Experience:

- Developed a robust e-commerce platform using Python, Django, and PostgreSQL, featuring user authentication, product listings, and shopping cart functionality.
- Created RESTful APIs for seamless front-end and back-end integration; utilized HTML, CSS, and JavaScript for responsive UI.
- Integrated third-party payment gateways for secure transactions and optimized database queries to enhance performance by 25%.
- Collaborated with a cross-functional team to ensure a cohesive user experience and successfully deployed the website to a cloud environment.

EDUCATION

MALLA REDDY COLLAGE OF ENG. & MANAG. SCIENCE
HYDERABAD. 2020-2024

Percentage: 61.5%
Stream: Mechanical Engineering

VMR POLYTECHNIC COLLEGE
WARANGAL 2017-2020

Percentage: 75%
Stream: Mechanical Engineering

ST. JOSEPH HIGH SCHOOL
JAMMIKUNTA 2016-2017

Percentage: GPA: 7.8

SKILLS

- Problem solving
- Flexibility
- Python

- Communication
- Organization
- Java

- Critical thinking
- Collaboration
- Javascript

- HTML-5
- Git & GitHub

- CSS-3
- MySQL

- Django-FrameWorks
- Bootstrap

HOBBIES

- Chess
- Watching movies

- Volleyball
- Traveling

- Badminton
- Listen Music

PROJECTS

COMBINATION OF VACCUM CLEANER & AIR BLOWER
The purpose of this project is to design and create a floor and road cleaning machine for colleges, hospitals, auditoriums, and workshops. A "low-cost high-power sweeper with lattice blades" was created and developed as a new way of implementing street cleaning on streets and university floors.

DESIGN AND ANALYSIS OF HEXACOPTER
Innovative aerospace engineer with a passion for UAV technology and a focus on hexacopter design and analysis. Experienced in conceptualizing, designing, and optimizing hexacopter configurations for various applications including aerial photography, surveillance, and payload transport. Proficient in selecting and integrating components, optimizing propulsion systems, and ensuring structural integrity. Skilled in simulation tools and analysis techniques to evaluate performance and stability. Committed to pushing the boundaries of UAV design and contributing to advancements in the field of unmanned aerial systems

HEXACOPTER INTEGRATED WITH (LiDAR)SENSOR
Light Detection and Ranging (LiDAR)sensors use light energy, emitted from a leaser, to scan the ground and measure variable distances. The result is a rich set of elevation data that can be used to produce high-resolution maps and 3D models of natural and man-made objects.

- Integrated backup system for in-flight recovery and manual override.

- A GPS module is used to calculate and record the current location of the hexacopter for various purposes in the project.

- Pi-Cam mounted on the Hexacopter system is a %%-megapixel mona-focal rolling shutter camera. It is used to take still pictures and record

- Videos during flight.

- Raspberry Pi is used. software ultimately makes the Raspberry Pi a mini computer and creates a suitable platform to test all the code in project.

E-COMMERCE WEBSITE/ONLINE SHOPPING WEBSITE(Hands-on-Exp)
Developed a fully functional e-commerce platform using Django Framework, incorporating features such as user authentication, product catalog, shopping cart, and Secure payment gateway integration. Technologies are used like Django, Python, HTML, CSS, JavaScript, SQLite, Django Frameworks, Git &GitHub.

- Designed and implemented user authentication and authorization functionality for secure user interactions.

- Developed an intuitive product catalog with dynamic filtering capabilities

- Implemented responsive design principle for optimal performance on various devices
- Utilized Git Version control to collaborate with a multidisciplinary team to coordinate development efforts

Integrated a secure payment gateway Razorpay to ensure secure and efficient transactions, meeting industry standards.

STRENGTH

- Seamlessly adapting to the dynamic work environment, swiftly embracing new technologies and methodologies.
- Sharp analytical and critical thinking skills.
- Expertise in cultivating a Positive team culture.
- Collaborate effectively and contribute to shared goals and triumphs.
- Innovative mindset.
- Meticulous attention to detail in all aspects of work.

DECLARATION

Place: HYDERABAD   **Signature**

I am a highly motivated and results-driven sales professional seeking a challenging opportunity to leverage my skills and experience in a dynamic sales environment.