SANATH KUMAR POKALA

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Enthusiastic and quick-learning software developer with foundational knowledge in Python, Django, Django Rest Framework (DRF), HTML, CSS, JavaScript, MySQL, and React.js. Looking for an opportunity to showcase my technical skills in software development. Excited to collaborate with a team, contribute to real-world projects, and grow professionally in a dynamic environment.

EDUCATIONAL QUALIFICATIONS

Sree Chaitanya College of Engineering, Karimnagar   **2017 - 2021**

M.C.A in Computer Science

Sree Chaitanya Degree College, Karimnagar   **2014 - 2017**

B.SC in Computer Science

SR Junior College, Karimnagar   **2012 – 2014**

Intermediate

Bharateeya Vidhya Kendra High School, Karimnagar   **2011 - 2012**

High School

SKILLS

Technologies: Python, HTML, CSS, JavaScript, React.js
Frameworks: Django, Bootstrap
Database: MySQL
Tools: Visual Studio Code, PyCharm

ACADEMIC PROJECT

A Framework for Privacy-Critical Cloud Storage Services

- Designed and implemented a secure searchable encryption framework for privacy-critical cloud storage services.
- Utilized advanced encryption techniques to ensure the security with incidence matrix along with two hash tables to create encrypt index on which both search and update operations performs very effectively.
- Sharing files from owner to end-user with encrypted format to avoid potential hacking attempts.
- Developed a user-friendly interface for easy deployment and integration with cloud storage services.
- Conducted extensive testing to ensure the robustness and reliability of the system in various scenarios.

PERSONAL PROJECT

E -Commerce Platform

- Developed a responsive e-commerce platform using Python, Django and the Django Rest Framework (DRF) library, ensuring a seamless user experience across mobile, tablet, and desktop devices.
- Utilized Django Rest Framework (DRF) to develop robust RESTful APIs, facilitating seamless data communication between the front-end and back-end components of the application.
- Integrated secure payment gateways, enhancing transaction reliability and data security.
- Designed a user-friendly product management dashboard for efficient inventory control and content updates.
- Enhanced performance and security with optimized query handling, user authentication, and data encryption.

STRENGTHS

- Positive attitude and strong work ethic.
- Ability to learn quickly and adapt to new technologies.
- Strong attention to detail and ability to multitask.