**VADLA SAICHANDU**

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**Career Objective**

Motivated and detail-oriented fresher with a strong foundation in Python, Django, and full-stack web development. Seeking a software engineering role to solve real-world problems using sound engineering principles and to continuously innovate by learning and applying new technologies. Passionate about data structures, backend development, and cloud technologies.

**Technical Skills**

* **Programming languages :** Python,HTML,CSS,JavaScript-Basics,SQL
* **Frameworks :** Django,Bootstrap,material Design Bootstrap,Restful APIs,
* **Tools & Platforms :** Git,GitHub,Django admin,VS code,Jupyter,Anaconda,Jupyter,Django Admin.
* **Databases:**SQLite3,MySQL,Django ORM.
* **Concepts:**MVC/MVT architectures,REST APIs,CRUD operations,User authentication and Session management.
* **Cloud Familarity:** AWS (EC2, S3 – basics),CI/CD Pipelines.
* **Softskills:**Communication skills ,problem-solving skills,Team-collaboration Skills.

**Internship Experience**

**Python Full Stack Developer Intern** *July 2024 –Present*

*Pyspiders,Marathahalli,Bangalore*

* Designed and developed Django-based applications with secure REST API integrations.
* Implemented database operations using MySQL and Django ORM.
* Worked in Agile teams to improve performance and modularity of code.
* Integrated session management and password reset email features.

**Projects**

**1.Blood Management system (Python + django+ Bootstrap,Sqlite3)**

* Built a secure **donor/recipient registration system** with Django ORM and SQLite.
* Developed admin dashboard with full CRUD functionality and form validations.

**2**. **Image StaganoGraphy Tool(Python,AES+LSB algorithm)**

* Developed a GUI-based tool to **encrypt/hide images** using AES encryption and LSB steganography.
* Ensured secure extraction/decryption with **Tkinter** and **PyCryptodome**.

**Education**

**Bachelors of Technology in Electronics and Communication Engineering**

*Loyola Institute of Technology and Management,Guntur-AP*

*Year of Completion : 2024*

**Certifications**

**Python full stack developer-Pyspiders | Python 101 dataScience-IBM|introduction to WeB Technologies –Udemy|Django for Beginners –Udemy| Cyber security intern-Exposys data labs| PC Software and Hardware IT Professionals –CISCO.**