# SAICHANDU VADDLA

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## OBJECTIVE

As a Python Full Stack Developer Intern at PySpiders, I excelled in streamlining operations and enhancing team productivity. My expertise in Python, Django, and Git, coupled with my ability to quickly adapt and solve problems, significantly contributed to project successes. My hands-on experience and proactive approach have honed my technical and collaborative skills, making me a valuable asset to any team.

## SKILLS

- **Technical Skills:** Python
- **Web Technologies:** HTML,CSS,JavaScript-Basics
- **Database:**SQL Query-writing
- **Frameworks:**Django, Bootstrap,Material Design for Bootstrap[MDB].
- **Version control &collaboration:**Git,GitHub

## EDUCATION QUALIFICATION

**LOYOLA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**                    Sept 2021 – June 2024
B.Tech in Electronics and Communication Engineering
CGPA:8.6/10.0

## INTERNSHIP

**PYTHON FULL STACK DEVELOPER INTERN**                    June 2024 -Present
Bangalore-Maratahalli-PySpiders
- Having good knowledge on python OOPs concepts,Sorting algorithms ,Searching algorithms,Sorting algorithms, File handling ,Decorators ,Regular Expressions ,Iterators and Generators ,Errors and Exception Handling and Multi Threading and SQL connections.
- Good Knowledge on HTML and CSS to create static Webpages.
- Proficient Knowledge on Javascript-Basics  ,DOM Concepts used to created Dynamic web applications.
- Proficient Knowledge on RDBMS and MYSQL.
- Worked on CRUD operations,complex queries and database optimizations.
- Mastered Git for version control and collaborated on projects using GitHub.

## PROJECT

**A IMAGE HIDING AND EXTRACTION PROCESS USING AES AND LSB ALGORITHM**        Feb 2024 –June 2024
- Developed a secure system for hiding and extracting images using **Advanced Encryption Standard (AES)** for encryption and **Least Significant Bit (LSB)** algorithm for steganography.
- Ensured data confidentiality by encrypting sensitive information before embedding it into images.
- Designed and implemented a user-friendly interface for efficient image processing and extraction.
- Achieved high security and accuracy in embedding and retrieving hidden data without compromising image quality.
- **Technologies used:Python ,MATLAB.**
- **Project description:** The combination of AES encryption and LSB steganography ensures that sensitive information is both encrypted and hidden, providing double-layered security.

## LANGUAGES KNOWN

- Telugu
- English