

# Thirupathaiah Jodu

Python | Django | MySQL | REST APIs | Git | HTML | CSS | JavaScript |  
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## CAREER OBJECTIVE

Entry-level **Python Backend Developer** with hands-on experience in Django-based web applications, RESTful modules, and MySQL databases. Proven ability to build secure, scalable systems and eager to contribute to backend development in a fast-paced tech environment.

## INTERNSHIP EXPERIENCE

### **Python Full Stack Developer (Internship)**

V Cube Software Solutions Pvt. Ltd. | May 2023 – October 2023

- Developed a Python and Django-based CRM system within a 6-month timeline.
- Designed and implemented core features including user authentication, contact management, and activity tracking.
- Built responsive and user-friendly interfaces using HTML, CSS, and JavaScript.
- Collaborated with cross-functional teams to ensure timely and agile project delivery.
- Managed source code using Git for version control and collaborative development.
- Integrated MySQL for database management and utilized NumPy for data handling and processing.
- Conducted thorough testing, debugging, and performance optimization of the application.
- Resolved technical issues and implemented solutions to improve system efficiency.
- Maintained detailed technical documentation to support future development and maintenance.
- Actively participated in daily stand-ups, sprint planning, and retrospectives as part of Agile methodology.
- Gained hands-on experience in Python, Django, HTML, CSS, JavaScript, Git, MySQL, and NumPy.

## PROJECTS

### **Hospital Management System**

- Developed a web-based Hospital Management System using Python and Django to automate hospital operations.
- Implemented key modules including patient registration, doctor management, appointment scheduling, and billing.
- Designed a secure role-based login system (Admin, Doctor, Staff) with MySQL database integration using Django ORM.
- Built a responsive user interface and added form validation and error handling using HTML, CSS, and JavaScript.

**Technologies Used:** Python, Django, MySQL, HTML, CSS, JavaScript

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Python Concepts:** OOP, Data Structures, Exception Handling, File Handling, Regular Expressions
- **Frameworks:** Django
- **Databases:** MySQL

- **Database Concepts:** DDL, DML, DQL, Joins, Subqueries, Views, Indexes
- **Web Technologies:** HTML, CSS, Bootstrap
- **Tools:** Git, GitHub

## **EDUCATION**

|  |                        |           |
|--|------------------------|-----------|
| <b>Master of Computer Application</b>        | <b>CGPA:</b> 8.4/10.0  | 2023-2025 |
| Sri Sai Ram Institute of PG Studies, Nellore |                        |           |
| <b>B. Com (Computer Application)</b>         | <b>CGPA:</b> 7.25/10.0 | 2019-2022 |
| Sita Rama Degree College, Seetharamapuram    |                        |           |
| <b>Intermediate (MPC)</b>                    | <b>CGPA:</b> 6.88/10.0 | 2017-2019 |
| L.V.R Jr College, Seetharamapuram            |                        |           |
| <b>Secondary School Certificate</b>          | <b>CGPA:</b> 9.5 /10.0 | 2016-2017 |
| Z.P High School, Oguruvandlapalli            |                        |           |