JITHIN A M

Python/Django Developer | Linux Server Administrator

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PROFILE

Aspiring IT professional with hands-on experience in Python development, web technologies, and Linux server configuration. Skilled in Django web applications, Linux system administration, and security best practices. Passionate about automation, system optimization, and backend development. Committed to enhancing security, scalability, and performance through continuous learning and hands-on implementation.

PROFESSIONAL EXPERIENCE

Python Developer Intern Oct 2024 – present
RubricEdge Solutions Pvt Ltd. ☑ Coimbatore
- Developing and maintaining Django web applications and managing MySQL databases.
- Debugging, testing, and optimizing Python code while applying Git version control best practices.
- Configured a Linux server, enabling secure file sharing (Samba) and remote SSH access
- Deployed a private Django web app using Nginx, Gunicorn, and MySQL for internal use.

SKILLS

Programming & Scripting
- Python
- C
- Bash Scripting
- SQL

Operating Systems & System Administration
- Linux Administration
- Server Management
- Networking & Remote Acess: Samba, OpenSSH

Backend Development
- Django
- Django REST Framework (DRF)
- Flask

Development Tools
- Vim
- VS Code
- Jupyter Notebook
- Docker

Database Management
- MySQL
- SQLite
- PostgresQL

Version Control
- Git
- GitHub

Testing & Debugging
- pytest
- Postman
- Selenium

Frontend Development
- HTML
- CSS

PROJECTS

CalTracker ☑
Built a web app for authenticated users to log meals and track daily calorie intake. Implemented user authentication with Django and designed a responsive UI using Bootstrap. Handled data storage and retrieval with Django models and views for personalized calorie tracking.

WebScrapper ☑
Developed a Django web app that scrapes websites to extract and display hyperlinks using BeautifulSoup and Requests. Parsed HTML content and presented extracted links in a clean, structured format through a simple web interface.

School Management System ☑
The School Management System is a web-based application built using Django to streamline and automate the administration of a school. It provides role-based access for students, teachers, and administrators, enabling efficient management of academic and administrative tasks.

ChatApp ☑
This is a Flask + Socket.IO chatroom application where users can create or join rooms using unique 4-letter codes. The server maintains in-memory storage for active rooms, their messages, and member counts. Real-time messaging is handled using Socket.IO, and users receive messages instantly when sent to a room. When all users leave, the room is automatically deleted

CERTIFICATES

Python (Basic) Certificate ☑
HackerRank

Build a Data Analysis Library from Scratch in Python ☑
Udemy

EDUCATION

Bachelor's Degree in Computer Science, Calicut University

Python Django - Full Stack Web Development,
Luminar TechnoLab