Palani GA

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DESCRIPTION

I'm a passionate learner in the field of computer science. Interested in thinking and solving real-world problems. Adept at quickly adapting to new technologies and frameworks also collaborating with team members to make a good product.

WORK EXPERIENCE

GwayERP   **Jul 2023 - Present**

Backend Developer & DevOps (Intern)

- Developed Backend **REST APIs** (Django Rest Framework) **DjangoORM** for database integration for inhouse **CRM** and other **Client projects**.
- Implemented secure Authentication system with **JWT** and custom fields for dynamic asset management.
- Developed and deployed sustainable deployment pipeline with various different fault scenarios using Jenkins CI/CD.
- Designed and implemented a High-Available and fault tolerant applications without downtime with the help of Docker and Docker swarm.
- Configured Nginx Reverse Proxy and cost-effective infrastructure with AWS Cloud Services.
- Implemented VPNs for self-hosted servers and improved Security and Performance.

EDUCATION

Sree Sastha Institute of Engineering and Technology   **2021 - May 2025**

BE (Computer Science Engineering) CGPA: 8.0

Sri Ramakrishna Matric Higher Secondary school   **2019 - 2021**

HSC - 87.6%

PROJECTS

Radox Web Framework | Python, WSGI

A Micro web framework inspired from Flask. Implemented TCPServer, optimized to send faster HTTP responses.
- Git - https://github.com/palanioffcl/radox
- Pip ref. - https://pypi.org/project/radox
- https://codeverything.github.io/radox

URL Shortener | MERN, Redis

A URL shortener converts long web addresses into shorter, easier-to-share links. It creates a unique alias for each URL, simplifying sharing. Implemented caching for frequently accessed URLs.
- https://urlfe.vercel.app

ACHIEVEMENTS

- 4 * Python Coder in HackerRank https://hackerrank.com/profile/palanioffl
- Contributed 2/4 commits in **Hacktoberfest 2022**
- Built a LMS Web App **within 3 hrs and sold for 7$** https://lms-chi-roan.vercel.app
- Helped my team to score top 100 place in CTF competitions. https://ctftime.org/user/118920
- Solved 400+ Problems on Leetcode and other coding platforms

TECHNICAL SKILLS

Programming	C, Python, Java, SQL, HTML, CSS, JS
Frameworks	Django, Flask, Express, Spring boot
Tools	Jenkins, Docker, Docker swarm, Linux, Git, VPNs, Security