

SELVARAJ IYYAPPAN

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PROFESSIONAL SUMMARY

Highly motivated IT professional with 1+ year of experience as a Python Developer specializing in REST API development and automation. Currently working as an aspiring DevOps Engineer, gaining hands-on experience in cloud services, CI/CD pipelines, Docker, Kubernetes, and infrastructure automation. Strong foundation in Linux, scripting, problem-solving, and modern development practices.

TECHNICAL SKILLS

- Programming: Python, Bash
- Web & API: REST API, Django, JSON
- Frontend: React.js (Basic)
- DevOps Tools: Git, GitHub/GitLab, Jenkins (learning), Docker, Kubernetes (learning)
- Cloud: AWS, Azure(learning)
- OS & System: Linux (Ubuntu, CentOS(Learning)), Windows Server, Shell scripting
- Automation: Python scripting, cron jobs
- Monitoring: Prometheus, Grafana (learning)
- Version Control: Git
- Other Tools: VS Code, Postman

WORK EXPERIENCE

DevOps Engineer (Current Role)

Kosoft IT Solutions · Aug 2025 – Present

- Working on CI/CD pipeline setup, build automation, and deployment workflows.
- Managing and configuring Linux servers for application deployment.
- Learning and working hands-on with Docker, Kubernetes, cloud architecture, and automation tools.
- Supporting teams with troubleshooting, logs analysis, and environment configuration.

Software Developer (Python Developer)

Kosoft IT Solutions · April 2024 – Aug 2025

- Developed REST APIs for application modules using Python.
- Built automation scripts to reduce manual work using Python.
- Integrated backend services using HTTP/JSON workflows.
- Performed debugging, testing, and improving API performance.
- Worked with Git, Postman, Linux, and MySQL to support development activities.

PROJECTS

1. REST API Testing Tool
 - Implemented a Python console tool for dynamic REST API testing with support for GET, POST, PUT, and DELETE methods, token/basic authentication, and real-time input handling, significantly improving test coverage and execution speed.
2. DevOps Learning Project (CI/CD + Docker)
 - Built CI/CD pipeline for a sample Python app and deployed Dockerized application on a Linux server.

AWARD

Rookie of the Year — recognized for outstanding performance, rapid learning, and consistently delivering strong results in the first year.

EDUCATION

Bachelor of Science
Periyar Arts College · 2023

CERTIFICATIONS

- Python Programming
- React.js Internship
- AWS, Azure (Learning)
- DevOps Fundamentals (Learning)

SOFT SKILLS

- Communication
- Problem-solving
- Teamwork
- Adaptability
- Quick learner

ADDITIONAL TECHNICAL SKILLS

- GitHub Actions (CI/CD)
- Docker (Images, Containers, Logs, Networking)
- Container Registry (Docker Hub)
- YAML Configuration
- Systemctl Services
- File Permissions
- Log Monitoring (journalctl, /var/log)