

SELVARAJ IYYAPPAN Python Developer | DevOps

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PROFESSIONAL SUMMARY

Python Developer and DevOps with 2+ years of experience delivering scalable backend solutions and automating cloud infrastructure. Hands-on expertise in REST API development, Docker, CI/CD pipelines, and Linux environments. Focused on bridging the gap between development and operations to build reliable, efficient, and production-grade systems.

TECHNICAL SKILLS

- Programming: Python
- Web & API: REST API, Django, JSON, FastAPI
- Database: MySQL
- DevOps Tools: Git, GitHub, Docker, Azure DevOps
- Cloud: AWS, Azure(learning)
- OS & System: Linux (Ubuntu, CentOS (Learning)), Windows Server
- 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

AI Chat Assistance | [Live Demo](#) . [Github](#)

- Developed a full-stack AI Chat Assistant using React.js, FastAPI, Ollama Cloud API, and MySQL — featuring user authentication, real-time AI responses, and persistent chat history.

PyBackup | [GitHub](#)

- Developed an open-source Python library for Linux system backup — supporting file and database backups with YAML-based configuration for easy automation.

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

SOFT SKILLS

- Problem-solving
- Teamwork
- Adaptability
- Quick learner

ADDITIONAL TECHNICAL SKILLS

- GitHub Actions (CI/CD)
- Docker
- Container Registry (Docker Hub)
- Systemctl Services
- File Permissions
- Log Monitoring (journalctl, /var/log)
- Gen AI(SaaS): ChatGPT, Gemini, Claude