

CYRIL P

DevOps Engineer | Java Backend Developer

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PROFESSIONAL SUMMARY

DevOps Engineer with **2.4 years of experience** in automating deployments, managing scalable cloud and on-prem infrastructures, and optimizing system performance. Skilled in **AWS (EC2, S3, CloudFront, Route 53, IAM)**, **CI/CD pipelines** (Jenkins, Maven, GitHub Actions), and **cross-platform automation** using Bash/Shell and PowerShell scripting. Strong background in **Java backend development** with **Spring Boot, REST APIs, OAuth2, and JPA**, enabling secure and efficient microservice deployments.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, S3, VPC, ALB, CloudFront, IAM, Route 53, SES, ACM, CloudWatch, CloudTrail, RDS, ECS), Digital Ocean (Droplets, Spaces, CDN), GoDaddy.

CI/CD & Automation: Jenkins, Maven, GitHub Actions, SonarQube, Cron, Task Scheduler.

Containerization: Docker, Kubernetes (Basic)

Monitoring & Logging: Custom SSH-based tools, Bash/Shell scripting, Prometheus, Grafana.

Programming: Java, Spring Boot, REST APIs, JPA, Spring Security, Gateway, Eureka, Cloud Config

Databases: MySQL, MS SQL Server

Version Control: Git, GitHub | **Collaboration:** Slack (Integrations, Notifications)

PROFESSIONAL EXPERIENCE

Emphatic Sense Technology Pvt Ltd, Chennai

DevOps & Java Engineer | June 2023 – October 2025

- Designed and executed **CI/CD pipelines** (Jenkins, Maven) with rollback — reduced deployment downtime by **70%** across Windows and Linux systems.
- Migrated **9 production websites** from AWS to DigitalOcean, achieving **65% cost savings** and improved uptime.
- Automated **log rotation, backup scheduling, and alerts** using Bash/Shell scripts.
- Built and maintained secure **cloud/on-prem infrastructures** using AWS (EC2, RDS, S3, CloudFront, VPC, SSL).
- Developed and deployed **Spring Boot microservices** implementing **CRUD operations for master tables, Role-Based Access Control (RBAC), Work Orders, and Dashboards**, along with performing **critical production bug fixes** to improve system stability.
- Collaborated within **Agile/Scrum sprints**, ensuring timely and client-aligned project delivery.

KEY PROJECTS

Yoga (AWS – Web App Migration)

Maintained and migrated **9 PHP-MySQL websites** hosted on AWS (ALB, EC2, S3, CloudFront) to Digital Ocean (Droplets and Spaces), achieving **65% infrastructure cost reduction** through optimized configurations and automated **backups/data migration using Bash and RClone**.

Chrysalis (On-Prem VPN Environment)

Implemented Jenkins-based CI/CD using PowerShell Remoting; automated database and file backups, improving disaster recovery reliability.

Urakata (Internal DevOps Monitoring Tool)

Developed a secure agentless monitoring application in Java (Spring Boot + SSH) to track CPU, RAM, Disk, and service uptime — reduced dependency on paid monitoring tools.

GLIM (AWS + DigitalOcean Microservices)

Configured and managed **EC2-based environments integrated with RDS**, automating **deployment of microservices and micro-frontends** using **Jenkins pipelines**, and strengthening security through **VPC and firewall rule configurations** for reliable environment monitoring.

KEY ACHIEVEMENTS

- **65% Cost Reduction** by migrating multi-site AWS infrastructure to DigitalOcean with automated backup workflows.
- **80% Faster Deployments** achieved through Jenkins pipelines and PowerShell automation, reducing downtime from 10 minutes to 1 minute.
- **Zero Data Loss** ensured via RClone-based multi-cloud disaster recovery solution.

EDUCATION

SRM Institute of Science and Technology, Chennai — MCA (CGPA: 8.6) | 2021 – 2023

St. Joseph's College, Trichy — B.Sc. Mathematics (CGPA: 7.9) | 2018 – 2021

SOFT SKILLS

Problem-Solving | Collaboration | Adaptability | Critical Thinking | Time Management | Continuous Learning | Communication | Ownership

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Cyril P