

# SREEJU KS

DevOps Engineer

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## SUMMARY

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Certified DevOps Engineer (RHCE, AWS) with 8 years of IT experience, including 4.5 years in Linux administration, 3 years in DevOps. Skilled in automation, CI/CD pipelines, and cloud technologies (AWS). Seeking to optimize cloud infrastructure and workflows in a dynamic team environment.

## WORK EXPERIENCE

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### SR. DevOps Engineer

inTEUtion Technologies Pvt Ltd | Kochi, Kerala | June 2024 – August 2024

A technology company focused on DevOps practices and solutions.

- Configured and managed Ubuntu server environments on Digital Ocean to deploy Django applications, focusing on system stability and performance optimization.
- Set up Nginx as a reverse proxy, enabling efficient traffic routing to backend services and improving response times.
- Developed Bash scripts for automated PostgreSQL database backups, implementing daily and hourly backup schedules for data reliability.
- Deployed and maintained Prometheus and Grafana for server monitoring, enabling performance insights and data-driven decision-making.

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### DevOps Engineer

CCS Technologies IT Pvt Ltd | Kottayam, Kerala | September 2021 – April 2024

A company specializing in cloud technologies and IT solutions.

- Defined and implemented architectural solutions based on customer requirements.
- Managed a comprehensive suite of AWS cloud resources (ECS, ECR, EC2, S3, IAM, CloudFront, Load Balancers).
- Monitored application and infrastructure health using CloudWatch and configured email alerts for proactive issue identification and resolution.
- Hands-on experience with containerization (Docker), orchestration (ECS), and deploying Node.js applications.
- Administered Jenkins, including automation for building, testing, and deploying services to S3 and ECS, and setting up end-to-end CI/CD pipelines for new projects.
- Managed on-premises GitLab, including user administration, permissions, and repository management.
- Administered SonarQube, defining quality gates and profiles for diverse projects.
- Ensured security and reliability by implementing AWS best practices, managing access controls (IAM), policies, and roles (IAM/ACL) for different users and application connectivity to the cloud.
- Analyzed cloud infrastructure to recommend and implement performance and cost optimization strategies.
- Managed SSL certificate renewals and implementations for multiple clients and projects, ensuring uninterrupted secure communications.
- Set up and maintained WordPress websites, adhering to best practices for security and performance, and including website migration and restoration procedures.

### Junior System Administrator – LINUX

Stealth Guard Pvt Ltd | Trivandrum, Kerala | July 2019 – November 2020

A technology firm providing IT solutions and services.

- Administering on-premises GitLab-CE (users, permissions, repositories).
- Gitlab automation for build and deploy services into RHEL server using runners.
- Continuous monitoring using Amazon CloudWatch, Access Log, Error Log.
- Write automation scripts to do routine server management activities (Bash Script, CGI Script).
- Managed website deployments and updates, including manually uploading files and content to Apache web servers using FileZilla.

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### Service Engineer

Kautilya Enterprises | Kottayam, Kerala | February 2019 – July 2019

A service Providing company.

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Associate Engineer - Customer Service  
inspIRiSYS Solutions Ltd | Kottayam, Kerala | December 2016 – January 2019  
An IT solution and support provider.

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Associate Technical Engineer  
CMS IT Services Ltd | Kottayam, Kerala | June 2015 – October 2016  
IT services and solutions provider

## SKILLS

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**Cloud Technologies:** AWS (IAM, EC2, Security Group, S3, ECR, ECS, VPC, ELB, Auto scaling group, CloudFront, CloudWatch, CloudTrail, SNS, Container registry, API Gateway, Lambda, Event Bridge, Route53).

**Linux:** Managing users, configuring services, Apache-PHP-MYSQL setup, server configuration, Virtual host setup, network troubleshooting, general troubleshooting.

**Database:** Database installation (MySQL), creating and updating tables, writing basic and nested queries.

**Basic Python programming:** Building basic project by following different articles from medium.com, Building Multiple Choice Quiz, functions, lists, loops etc.

**IaC:** Terraform (Build a WordPress site on AWS using Terraform and different other projects like Autoscaling, deploying static website etc for learning purposes.)

**Containerization:** Docker

**Orchestration:** ECS

**Version Control:** GitHub, Gitlab

**CI/CD:** Jenkins, GitLab CI

**Monitoring:** CloudWatch, CloudTrail, Prometheus and Grafana.

## CERTIFICATIONS

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- ✓ **RedHat Certified Engineer (RHCE)** – Certification ID: 140-172-842 (August 2014)
- ✓ **AWS Certified Cloud Practitioner (Credly verification)** (July 2022)

## ACHIEVEMENTS

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- ❖ Prometheus Monitoring Setup

Set up Prometheus and Grafana for comprehensive server monitoring at inTEUtion Technologies, enhancing system issue detection.

- ❖ Automated Backup System

Developed an automated backup system for PostgreSQL using Bash scripting, ensuring data recovery within minutes and reducing manual backup efforts by 90%.

## TRAINING

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- Tech Fundamental Learn.cantril.io (Course Completed)
- Basic Shell scripting KodeKloud (Course Completed)
- Complete Linux Training Course by Imran Afzal UDEMY (Course Completed)
- Docker, From Zero to Hero: Become a DevOps Docker Master UDEMY (Course Completed)
- Jenkins, From Zero to Hero: Become a DevOps Jenkins Master UDEMY (Course Completed)
- Ultimate Cloudflare Bootcamp - All Modules Covered UDEMY (Course Completed)

## EDUCATION

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### Bachelor of Computer Application (BCA)

Ettumanoorappan College | Ettumanoor, Kottayam | July 2011 – June 2014