

Sharmila Sekar

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Location : Edinburgh, United Kingdom

PROFESSIONAL SUMMARY:

Overall 7+ years of IT experience and extensive background skilled in DevOps CI/CD, Docker, Kubernetes, Shell Programming Language, Linux/Windows, CI/CD (Linux) using Gitlab, Looper, Concord, GitHub and CyberArk vault, Point of Sales. Have worked on various cloud services from AWS. An agile practitioner with strong analytical skills, innovative and passionate. A team player always willing to go the extra mile for getting the job done.

PROFESSIONAL EXPERIENCE:

TATA CONSULTANCY SERVICES (TCS), India [Jan 2023 – Oct 2023]

UIDAI Unique Identity and Authorization of India – Devops Engineer

- Orchestrated the introduction and architecture of Kubernetes, facilitating the smooth migration of EC2- based cloud workloads to Kubernetes pods, thereby reducing AWS costs by 40%
- Spearheaded the construction of a robust CI/CD pipeline utilizing Jenkins and aligning seamlessly with the Kubernetes paradigm which resulted in faster shipping of changes
- Utilized AWS services such as **EC2, S3, RDS, and Lambda** to optimize application performance and scalability
- Collaborated with cross-functional teams to optimize application performance and ensure seamless integration across development and operations
- Implemented backup and recovery strategies to safeguard critical data and maintain business continuity
- Monitored and maintained system health checks using **Prometheus** and **Grafana** dashboard, applying proactive measures to prevent downtime and enhance system resilience
- Conducted regular security audits and implemented best practices to fortify system integrity
- Hired and mentored engineering talent

INFOSYS, India [May 2016 – Dec 2022]:

Walmart - Application Support Engineer

[July 2020 – Dec 2022]

- Provided 24/7 technical support for mission-critical applications running on Unix-based systems and AWS
- Automated deployment processes using CI/CD pipelines with **Jenkins, GitLab CI/CD**, reducing deployment time by 50%
- Implemented and maintained monitoring and logging solutions using **Prometheus, Grafana**, and ELK Stack to ensure system reliability and performance.
- Diagnosed and resolved complex issues related to application functionality, performance, and integration
- Enhanced the Applications/Scripts based on the client requirements before deployment Process

Phillips-Van Heusen Corporation - Application Operations Engineer**[Jan 2019 – Apr 2020]**

- Monitoring the Mails/Alerts for CPU Usage from Splunk and Incidents Handling provided endend solution to the client requirements
- Provided 24*7 support to 500+ PVH Retail Stores for the OmniPOS application
- Played a Lead role in the team and mentored new joiners to support the client and business requirements
- Documented troubleshooting GK OmniPOS procedures, system configurations, and best practices for knowledge sharing and training purposes

VOYA - Production Support Engineer**[Jan 2018 – Nov 2018]**

- Provided technical support for enterprise applications running on **Unix/Linux** platforms
- Resolved application and system-related issues reported by end-users and internal teams
- Assisted in the deployment and configuration of applications in development, testing, and production environments
- Actively participated in **Go-Live** activities for various releases
- Developed and maintained shell scripts for automating routine tasks and improving operational efficiency

Capital Group of Companies - Production Support Engineer**[Jan 2017 – Dec 2017]**

- Migration of various application scripts from On-premise Servers to Cloud servers
- Involved in managing user access management on **Unix, Database, Active Directory**
- Granting access to the end user on various Linux and windows servers, executing various scripts provided by developers on the servers, Database access using **SQL** developer and SSMS. Onboarding the user accounts in various workgroups and **CyberArk** Vaulting

TECHNICAL SKILLS:

- **Cloud Services:** AWS
- **Container:** Docker, Kubernetes
- **Languages:** Shell Scripting, Python, yaml
- **Operating System:** Windows, Red Hat Linux, Unix
- **Version Control:** Gitlab, Bitbucket, GitHub
- **RDBMS:** SQL Server 2019, Oracle 19C
- **Tools:** MS Office, SQL*Plus, Putty, SSMS, Team Forge, Looper, DBeaver
- **Monitoring:** Prometheus, Grafana
- **Ticketing Tools:** JIRA, Service Now, BMC Remedy Management
- **Certifications:**
 - Azure Fundamentals AZ-900
 - AWS Cloud Practitioner
 - Infosys Certified Python Programmer
 - Infosys Certified MongoDB Programmer

EDUCATION:

- Velammal Engineering College, Bachelors in **Electronics and Communication Engineering** Aug 2012 – Apr 2016