**SARAVANAN K** E-mail: [krishnasamysaravanan99@gmail.com](mailto:krishnasamysaravanan99@gmail.com)

**AWS & DevOps Engineer** PH: +916379796386

# PROFESSIONAL SUMMARY

I Have 3+ years of IT experience in AWS Cloud services and DevOps processes. Knowledge in implementing AWS Cloud strategy in various environments and DevOps principles in developing CI/CD pipelines by utilizing tools like GitHub, Ansible, Jenkins, Terraform and Docker. Seeking an opportunity to utilize my technical knowledge in Cloud and work on new challenging technology based tools in a progressive organization

# WORK EXPERIENCE

**Tata Consultancy Services** Apr 2022 – Still

**PEC Ltd** Mar 2019 – Nov2021

Projects: Acoustic hi-tech&

Role: Automation Engineer

Projects: IOCL & SRC Role: Cloud Engineer

* Experience in the provisioning Cloud Infrastructure using **Amazon Web Services.**
* Created Three-tier architecture in AWS using services like **EC2, S3, IAM, Load Balancer, Auto Scaling, VPC, Route 53, Cloud Front, CloudWatch, EKS.**
* Created S3 buckets and **S3** **life cycle management** for old data's and logs. Also adding **EBS**

and **EFS** whenever required.

* Experience on **VPC peering** & **NAT Gateway** for application servers hosted on private subnets.
* Created messaging services for serverless applications using **Lambda** & **SNS.**
* Automation of the Manual Tasks using **Python** Programming Language.
* Written **Terraform** code for building Cloud Infrastructure. Automated builds workflow using terraform. Created Modules.
* Good Experience with Version Control System such as **Git**, Administrating source code management by **Github** repository.
* Used **Dockle** to build secure Docker image, Include CIS Benchmarks.
* Written Docker File to build Docker Images to run them as **Docker** Containers. Built and deployed Docker containers for implementing micro services architecture.
* Hands-on knowledge on **Trivy** for scanning container image, check the vulnerabilities.
* Used **Colima** in restricted environment and specify the container runtime
* Used **Kubernetes** to orchestrate the deployment, scaling and management of containers.
* Experience on **Ansible** playbooks and ad hoc commands. Created Ansible-Roles and used Ansible-Vault on configuration files.
* Knowledge on Application Monitoring Tools like **Prometheus, Grafana, CloudWatch** on AWS
* Knowledge on Log Monitoring Tools like **Splunk**, **CloudTrail** on AWS
* Hands-on knowledge on **SonarQube** for code quality check.
* Good Experience in Operating systems like Windows & **Linux** commands.
* Knowledge on **Nexus** repositories for the managing artifacts and dependencies.
* Knowledge on implementing CI/ CD pipeline using **Jenkins**.
* Used Apache **Maven** Project management tool POM file to automate the build process in Jenkins to manage project libraries, compiling, preparing war file and deploying in ApacheTomcat.

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| **AWS Services** | EC2, S3, EFS, ELB, EBS, IAM, Load Balancer, Auto Scaling, VPC, Route 53, Cloud Front, Cloud Formation, Cloud Watch, RDS, Lambda, SQS, SNS, Red Shift, Code Deploy & Code  Pipeline. |
| **DEVOPS Tools** | Git, Jenkins, Ansible, Docker, Terraform, Sonarqube,  SaltStack, Prometheus, Grafana, Splunk, Kubernetes. |
| **Operating System** | Windows, Linux |
| **Telnet Tools** | PuTTY, Pageant, WinSCP |

**HIGHEST LEVEL OF ACADEMIC DEGREE**

Bachelor of Engineering in Mechanical Engineering 8.2 CGPA

M Kumarasamy College of Engineering

# PERSONAL INFORMATION

Linguistic Proficiency : Tamil, English, German

# DECLARATION

I do hereby declare that the particulars of information and facts stated here in above are true, correct to the best of my knowledge and belief.

SARAVANAN K