

LINKEDIN-PROFILE

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HOBBIES

Cooking

Listening Music

Travelling



SELVATHURAI.T

Technical Specialist , Cloud Operations & DevOps Engineer and NOC Engineer

PROFESSIONAL-SUMMARY:

9+ years of Deep hands-on experience as a DevOps Engineer, Cloud Operation Engineer, and NOC Engineer.

Design, Deployment, Administration of cloud-native services, and production sites in AWS.

Skilled in AWS cloud infrastructure and services, Linux, Automation, Scripting, Database, Monitoring tools, Costing and budget.

Expertise in AWS cloud services such as EC2, EBS, AMI, IAM, VPC, Cloud Watch, S3, Beanstalk, RDS, Route53, ELB, Lambda, Auto Scaling, Elastic Load Balancer etc.

Working Knowledge in Site Reliability Engineering (SRE), Cloud Security, and Vulnerability testing.

Maintain production, staging, and development environments for 24/7/365 uptime.

Creative, driven, and passionate about the work, team, company, and customers.

Quick Learner, problem solver, solution provider.

Automation, identify the best monitoring tools for cloud-ops Space(Auto-remediation, Event correlation, predictive analysis, and Auto-ticketing)

TECHNICAL-SKILLS:

Operating Systems	Linux (Ubuntu/CentOS), Mac, Windows
Version Control	Git
Cloud	Amazon Web Services, Azure (Intermediate)
Continuous Integration	Jenkins
CM tools	Ansible, Chef (Beginner)
Web/ App Servers	Apache, Nginx
Ticketing & ITSM	Jira, Confluence, Bitbucket, ServiceNow, Cherwell
Database	MySQL
Log Monitoring	Kibana, ELK, Graylog, Datadog
Monitoring	DataDog, Nagios, Pingdom, New-Relic, Icinga2, Signalfx, Grafana, Prometheus, InfluxDB , Zabbix, Appneta, Aerospike, Check-MK, MonYog, ApacheNIFI, Run deck
Data Visualization	PowerBI, Tableau
Scripting	Shell, Python
Service-Mesh	kiali, Jaeger, Istio, Linkerd
Container-Orchestration	Docker, Kubernetes
Remote Monitoring tools	Teramind, ActivTrak, Deskttime
Communication channel	Slack, Teams, Skype
Security & vulnerability management	Nessus, Tenable, Qualys, Netsparker
Workflow automation	Total cloud, Monti cloud, Stack storm
AI-OPS	Zenoss, Dynatrace, Big panda
Costing	Cloudcheckr, Cloud Health
IAAC	Terraform (Beginner)
Network monitoring	Thousand eye, PTRG, Net brain
Uptime monitoring	Alerta

EMPLOYMENT: Brillio Technologies, Bangalore (Sep2019 to still)

Role: Technical Specialist (Monitoring Tools and Automation)

Team: Digital infrastructure

Client Name	Headquarters	Tools to be Implemented from Scratch
Bristol Myers Squibb	New York, United States	AWS, Grafana, Prometheus
Align-tech	California, United States	Nagios, Ansible, Ansible-Tower
Ciena	Maryland, United States	Datadog, Docker, Apache-NIFI
Arcserve	United-state and Canada	SCOM, Kibana, Power-BI
Anaplan	California, United States	Zenoss, OPS-RAMP, New Relic-one, Informatica
Lowell Financial Ltd	United Kingdom	Tenable, Nessus, Qualys, Netsparker, Cloudneeti
Cartus	Connecticut, United States	Total cloud, Montycloud, Stackstorm
Brillio(CLIP)	Bangalore	IoT83(AIOps Platform)
Brillio(Remote)	Bangalore	Teramind, Activtrak, Deskttime
Coats	United Kingdom	NagiosXI, Icinga2, Dynatrace, Prometheus.

- As per client request, I was introduced new relic tool from scratch
- Created a ansible playbook for installing the agents(1000) servers.
- Created a lot of custom dashboard based on the requirements.
- Worked on New relic APM, Browser, Infrastructure, Synthetics, Alerting and integration.
- Decision maker for Monitoring-tools and setting up from scratch.
- Created Ansible playbook for bulk Nagios agent installation
- On-boarded DR database servers on Nagios.
- Worked on multiple tools POC's
- Implemented Datadog form scratch and fulfilled with the client requirements.
- Worked on CI/CD pipeline using AWS
- Build real-time interactive dashboards.
- Scaleup and scale down the EKS cluster node based on the CPU usages.
- Implemented Synthetics and log monitoring using Datadog.
- Created a lot of custom dashboards using Datadog. (EKS Cluster health check, Ansible job status, AWS route 53 health check, NIFI-Metrics, etc)
- Created the dashboard for AWS Lambda service using Prometheus and integrated it with Grafana.
- Upgraded the Apache NIFI from 1.2 to 1.7

- Created POC/POV for workflow automation (Total cloud Vs Monti cloud Vs Stack storm)
- Performed a Scan on UK based bank servers(100), identified the issues, and fix it.
- Scheduling the sprint plan meeting with various teams to develop the product.
- Automating, repeated day to day cloud ops activities.
- Worked on cloud costing/optimization and reduced the cost up to 50%.
- Introduced on-call tools (VictorOps/OPS-genie) for the NOC team.

Tally Solutions Pvt Ltd, Bangalore (Jan2018 to Sep-2019)

Role: Cloud Operations Engineer/ Production Engineer (R&D)

- Design and implementation of AWS public cloud infrastructure for hosting Tally's upcoming connected software services.
- An active member of the team for designing, operational readiness for Tally's AWS sites for logging, monitoring and remediation.
- Manage Blue-Green deployments.
- Analyze and reduce the AWS infrastructure cost up to 50%. (DEV, QA, Staging, and Production)
- As part of Zero logins for AWS console, I have automated a few of the AWS console related task. (User profile-creation, deletion, collecting system resources metrics, list out all the Ami's and remove it older than X days, check the logs are pushing to the s3 bucket are not and etc)
- Pre-deployment checking the instance Quota's and checking the Jenkins machine health.
- I was introduced a Ping-dom monitoring tool to check the Tally.
- Configuring and monitoring Cloud Watch metrics & setting Alarms.
- Taking the corrective actions based on the cloud watch Alarms.
- Maintaining and administrating AWS account for all the teams.
- Enabled password policy and MFA for all the production accounts.
- Publish the Daily status report for all stakeholders.
- Publish the forecast report to infra-owners for 2 weeks.
- Creating an overall monthly budget plan for AWS accounts.
- Scheduling a meeting with Service vendors like (AWS, Netmagic)
- Creating an SOP and run-books for production-related issues.

Coviam Technologies, Bangalore (Mar-2017 to Sep-2017)

Role: DevOps Engineer

- Hands-on experience on Jenkins, building CI/CD Pipeline.
- Designed and implemented Cloud solutions with AWS (EC2, VPC, ELB, EBS, S3, RDS, Route 53, Security Groups, IAM, CloudWatch, Autoscaling)
- Very Strong in Linux administration commands.
- Setting up and administration of ELK.
- Experience in installing, configuring and administering Jenkins.
- As a point of a single point, failure created a Jenkins slave machine.

Free charge/Snapdeal, Bangalore (Sep-2015 to Dec-2016)

Role: DevOps Engineer

- Monitor our service and proactively debug operational issues.
- Preparing technical documentation, Runbooks for an existing process.
- Managing, operation of large scale 24x7 of Free charge and Snap deal.
- Worked on monitoring tools – AppNeta, SignalFx, Grafana, and Zabbix.
- Experience in creating nodes in Jenkins, which distributes the loads and run the jobs.

Mafiree, Bangalore (June-2012 to March-2015)

Role: NOC Engineer/ Junior MySQL Database administrator

- Installation, Upgradation of MySQL in various Distros of Linux.
- Configure the replication architectures like Master-Slave, Master-Master, and Master-slave-slave.
- Table Maintenance, Indexing, and Checking Error Log and making necessary actions to rectify them and resolving database related issues.
- Performing some backup (Physical, Logical, Online, and Offline backup).
- Installing Packages using RPM and YUM utilities.

ACADEMIC:

- BE in Computer Science and Engineering, Lord Jagannath College of Engineering and Technology, Nagercoil. (2007-2010) With 66% (First Class)
- DIPLOMA in ECE NMS Kamaraj polytechnic college, Nagercoil. (2004-2007) with 76% (First class with honors)
- SSLC Bishop Arockia-Swamy higher Secondary school, Nagercoil. March 2004 With 86%(Distinction)

I hereby declare that the information stated above is true to the best of my knowledge.

Thanks,
Selvathurai.T