

# ARAVINTH T

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## Education

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BE COMPUTER SCIENCE AND ENGINEERING

KPR Institute of Engineering and Technology,Coimbatore.

2016 – 2020

6.95 CGPA

## HSC

Parimalam Matriculation Higher Secondary School, Hosur.

2014

84%

## SSLC

Parimalam Matriculation Higher Secondary School, Hosur.

2016

86%

## Internship Experience.

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**Company:** People click technologies private limited.

**Position:** AWS Intern

- AWS trainee with 6 months in hands on various AWS services including **EC2, S3,Cloud watch, IAM, Security group, SNS** etc.
- In EC2 instance Configuring the sample apache application and monitoring the logs using cloud watch.
- Configure and Manage **cloud watch** and **cloud trail**
- Monitoring the Ec2 logs using **cloud watch** and trigger a alarm notification by **SNS**
- Managing Images, snapshots for EC2 instances using **AWS AMI** .
- Estimating AWS costs and identifying cost control mechanisms.
- Designing and deploying scalable, highly available, Secured and fault tolerant systems on AWS.

## Work Experience.

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### UserExperior

August 2021 -Present,Mumbai.

### Cloud Engineer

- AWS solution Architect with 1.4 years in developing and Architecting SME level medium scale multi-tier solutions that require Architectural decisions.
- Hands-on experience on implementing Cloud Solutions using various AWS Services including **EC2, VPC, S3, EBS, ELB, Cloudfront, IAM, RDS, Cloudwatch and Cloudtrail.**
- Setup & Managing AMI linux and ubuntu on Amazon using **EC2, EBS, ELB,SSL,Security Groups, RDS, IAM, VPC, Subnets, OpenVPN.**
- Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization , disk usage ,Memory Utilization etc. to take recommended actions for better performance.
- Managing CDN on Amazon Cloudfront (origin path: Server/ S3) to improve site performance.
- Setup databases on Amazon RDS or EC2 instances as per requirement. Monitoring servers through Amazon CloudWatch, SNS.
- Managing AMI/Snapshots/volumes, Upgrade/downgrade AWS resources (CPU,Memory,EBS).
- Configured and maintained the monitoring and alerting of production and corporate servers/storage using Cloud Watch
- Developed Shell Scripts for automation purposes.
- Configured Linux environments in both public and private domains.
- Utilized Amazon Route53 to manage DNS zones and also assign public DNS names to elastic load balancers IP's
- Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
- Created Highly Available Environments using Auto-Scaling, Load Balancers
- Automate Angular Application deployment via aws codepipeline.

- Setting up OpenVPN Access Server in Amazon EC2.
- Installed JIRA, and customized JIRA for workflow, user & group management.
- Installation and setting up kubernetes cluster on AWS manually from scratch and Experience in container platform infrastructure in AWS EKS.
- Installed docker and configured cri docker system services and other configuration files.
- Configuring and CNI plugins like cilium, calico, flannel etc. to wire docker containers for networking.
- Created Kubernetes deployment, statefulsets, Network policy etc.

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**Company:** Bonbloc technologies private limited.

**Position:** Junior Software Engineer. (oct 2020 - Aug 2021)

- AWS solution Architect with 10 months in developing and Architecting SME level medium scale multi-tier solutions that require Architectural decisions.
- Result oriented approach with Exceptional leadership skills.
- Extensive experience defining IT Roadmap, cloud strategy, Enterprise/solution architecture, Architecture assessment.
- Hands-on experience on implementing Cloud Solutions using various AWS Services including EC2, S3, Lightsail service, Code Commit, Code Pipeline, Code Build, Elastic Beanstalk, Load balancing, Route53, Amazon Certificate Manager, SES, VPC etc.
- Hands-on experience on Architect and securing the Infrastructure on AWS using IAM, Cloud Trail, Cloud Watch, Security Groups etc.
- Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Maven, Jenkins, GitHub, Bitbucket etc.
- Worked on log analysis by using ELK Stack (Elasticsearch, logstash, kibana).
- Monitoring the Ec2 logs using cloud watch and triggering an alarm notification by SNS.

- Managing Images, snapshots for EC2 instances using AWS **AMI**.
- Hands-on experience using SonarQube, Generating code coverage reports from SonarQube.
- SonarQube integration with Jenkins in the pipeline jobs.
- Widely used Bitbucket and Jenkins for the code and pipeline jobs
- Designing and deploying scalable, highly available, Secured and fault tolerant systems on AWS. .
- Selecting the appropriate AWS service based on data, compute, database, or security requirements.
- Identifying appropriate use of AWS Architecture best practices.
- Estimating AWS costs and identifying cost control mechanisms.
- Continuous Integration Tools **Jenkins**.
- Source Code Management tool **GIT**.

## SKILLS.

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S.NO	SKILLS	SERVICES
1	AWS	Ec2, Elastic Beanstalk, S3, IAM, Cloud Watch, Cloud Trail, SES, Route53, SNS,VPC, Load balancing Route 53, Code Pipeline, Code Build,Code Deploy etc.
2	Source Code Management	GIT, Bitbucket
3	Operating system	Windows, Linux , Ubuntu

4	Devops Tools	AWS CodePipeline, Code Build, Code Deploy, Jenkins, Sonarqube, Nexus.
5	Container Orchestration	Kubernetes

## Certifications

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- Red Hat Certified System Administrator
- AWS Certified Solution Architect
- AWS DevOps Certified Engineer.
- Certified Kubernetes Administrator