

# RAJESH KUMAR BAKTHAVACHALAM

## Technical Specialist

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### Summary

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I am a Technical Specialist with 10 years of experience in the IT and Telecommunication industries. My expertise is centered around cloud administration, particularly with AWS services. I thrive in dynamic environments and am dedicated to delivering excellent support and solutions. Committed to continuous professional development and optimizing operational processes.

### Experience

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#### HCLTech

Chennai

##### AWS Cloud Administrator

10/2023 - Till

Global technology company specializing in IT services and solutions.

- Sending automatic email notification regarding the health of instances using AWS services - EC2, SNS Topic, IAM, Lambda, CloudWatch.
- Built a fault tolerant and highly available model using Load balancer and Auto scaling group.
- Scheduling instances to run during business hours and shutting down after business hours using AWS services EC2, SNS, Lambda, CloudWatch.
- Worked extensively with AWS services like EC2, S3, VPC, ELB, Autoscaling Groups, IAM, Cloud Provisioning EC2 Instances.
- Bootstrapped EC2 Instances while launching.
- Modified EC2 instance security groups to open or close port numbers.
- Shut down unused instances as per customer confirmation.
- Created S3 buckets and granted requested permissions through IAM.
- Created VPC, Subnets, Route Tables, Internet Gateways, NACL'S for new environment.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux and Windows.
- Integrated Amazon Cloud Watch with Amazon EC2 instances for monitoring log files and track metrics.
- Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
- Created roles, users, and groups in IAM and attached policies for minimum resource access.
- Managed and operated scalable, highly available, secure, and fault tolerant systems on AWS Cloud.
- Set up EC2 instances and deployed client applications like Apache on EC2 instances.
- Worked on various tickets assigned to AWS Support team using Service Now Tool.

#### Wipro Technologies

Chennai

##### Senior Analyst - OMV

05/2022 - 10/2023

Leading global information technology services company.

- Worked on implementation of CloudFormation templates involving VPCs, EC2 instances, RDS databases, Load balancers, Auto-scaling groups, CloudWatch Alarms, Route 53, SNS notifications.
- Managed individual resources and end-to-end application deployment.
- Strong experience in AWS, creating, importing, and launching AWS services in defined VPC to design cost effective, fault tolerant and highly available systems.

#### Nokia Networks

Chennai

##### Fault Management Engineer

12/2017 - 05/2022

Global leader in the ICT industry.

- Responsible for troubleshooting faults in NodeB, LTE.
- Investigating faults & checking the root cause.
- Dispatching & investigating faults with various domains in NMC.
- Checking network performance with Grafana.
- Restoring O&M connectivity with Field tech support.
- Performing license upgrade & downgrade from NMC.
- Supporting in bridge calls during network interruptions.
- Sharing configuration files to field tech & supporting remotely.

#### Evolve Technologies Pvt Ltd

Navi Mumbai

##### LSMR Integration Engineer

01/2017 - 12/2017

Telecommunication services company.

- Created new ENB, XNB, IBS, OSC sites.
- Performed RRH swaps & added extra carriers to the network.
- Expanded band (1800 5MHZ) and grew new band (2300 20 + 10MHZ).
- Coordinated with the circle team and was responsible for performance monitoring and integration.

## Experience

### Nokia Networks

#### Configuration Management Engineer

Chennai

09/2014 - 12/2016

Global leader in the ICT industry.

- Configured and integrated Huawei ATN 910i, 950B.
- Applied and familiar with protocols like MPLS, ISIS, BGP, and OSPF.
- Performed VLAN mapping in SIAE, MLTN and Huawei RTN microwave nodes.
- Handled ISIS networks with Huawei routers (CX ATN series).
- Conducted transmission testing for new technology activation.
- Verified IP duplication and rectified IP clashes.
- Managed ATN backhaul migration (own transmission to leased line).
- Tested new interface or link capacity (bandwidth) using JDSU tester.

## Education

### Arunai Engineering College

Bachelor Of Engineering Specialized in Electronics and Instrumentation.

Tiruvannamalai

08/2014

## Languages

English Proficient ●●●●●

Tamil Proficient ●●●●●

## Skills

amazon ec2 · Apache · Auto Scaling · AWS Cloud AWS Services BGP · CCNA · CloudFormation CloudWatch Configuration Docker EC2 ELB · Grafana Huawei IAM · Instrumentation ISIS ITIL Jenkins Lambda Linux load balancer load balancers LTE MPLS OSPF · Performance Monitoring RDS Route 53 s3 SNS VLAN VPC Windows.

## Certification

ITILv3