



# RAJESH KUMAR

## AWS CLOUD DEVOPS ENGINEER

### PROFFESIONAL SUMMERY

### ABOUT ME

Cloud DevOps engineer offering over 10+ Years of experience in IT industry comprising of Amazon AWS Cloud Administration, Systems Administration, Web Administration, Change Management, Software Configuration Management (SCM), Build and Release management and Process Engineering.

I specialize in Information Technology and Services industry. Previously I have worked as a Web Support Engineer at Yahoo! India & was working as a Web Engineer & DevOps Engineer at Simplotel Technologies and NR Group. Currently, I'm working with QS Quacquarelli Symonds as a DevOps Engineer managing their complete cloud infrastructure.

- Cloud Engineer offering over 10+ years of experience in IT industry comprising of Systems Administration and Change Management, Software Configuration Management (SCM), Build and Release management and Process Engineering with solving complex problems with creative solutions, supporting development and operations environments.
- Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins, AWS and C.M tools in an Agile Environment tools.
- Expertise in Amazon AWS Cloud Administration which includes servers: EC2, S3, EBS, RDS, VPC, ELB, Route 53, Auto Scaling, Security Groups, Redshift, CloudFormation and security tools like config, security hub, AWS firewall etc..
- Migrated services to OpenStack an open source software platform for cloud service design, network layout data migration, automation, monitoring, deployments and cutover, documentation, overall plan, cost, analysis.
- Experience in working on source control tools like Tortoise SVN, Gitlab and GitHub.
- Experience with container based deployments using Docker, Kubernetes and EKS working with Docker images, Docker hub and Docker registries.
- Well used and experience in deploying the code through web application servers like Apache web server, Apache Tomcat.
- Expertise in installing, configuring and managing Tomcat, Apache, Nginx and Citrix Server in clustered environments for High Availability, Load balancing and fail over.
- Experience in administering Citrix and VMWare infrastructure. Creation of VMs, cloning and migrations of the Virtual Machines on cloud Infra .
- Installation of Packages, Patches, and maintenance of deb & rpm packages on Linux. Wrote python scripts to manage AWS resources from API calls using BOTO SDK and also worked with AWS CLI.
- Installation, Configuration and Management of RDBMS and NoSql tools such as MySQL, PostgreSQL and MongoDB.
- Strong experience in automating Vulnerability Management patching and CI/CD using AWS System Manager and other tools like GitLab, Jenkins, and AWS/Open Stack.
- In depth Knowledge of AWS cloud service like Compute, Network, Storage, Security and Identity & access management.
- Responsible for ensuring Systems & Network Security, maintaining performance and setting up monitoring using Cloud Watch and Nagios, Zabbix, Prometheus & Grafana .
- A high level of application solutions knowledge and client / server applications in general, and a high degree of understanding of best practice approaches for the implementation of enterprise wide technology
- Develop, implement, and operate controls to secure cloud-based systems
- GDPR certified and Participate in efforts that tailor the company's security policies and standards for use in cloud environments.
- Define, assess, and communicate security risk to product owners
- Develop reference architectures, Documentations and proof of concept implementations of cloud security environments.

### CONTACT

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## EDUCATION

### KUVEMPU UNIVERSITY - KA(INDIA)

- Bachelor of Science in Information Technology - April 2010

## CERTIFICATIONS

- Higher Diploma In Information Technology
- Cyber Security Awareness by iHASCO
- GDPR Essentials by iHASCO

## PROFESSIONAL SKILLS

- AWS Cloud / Citrix Xen-center
- Linux/Windows Server Management
- Team management
- DevOps
- Kubernetes
- DevSecOps
- Training & Development

## PERSONAL SKILLS

- PhotoGraphy - [@rajeshsupernova](#)
- Video Editing
- Wordpress Website Designing
- Blogging - [liveitlogical.in](#) [rsupernova.com](#)

## WORK EXPERIENCES

### DevOps Engineer

*QS Quacquarelli Symonds | March 2020 -Present*

QS Quacquarelli Symonds is the world's leading provider of services, analytics, and insight to the global higher education sector.

In this organization my primary role includes managing AWS Infrastructure for the organization and it's Different Vertices. Doing AWS Cost optimization. Building and deploying complete application architecture with AWS best practices. Keeping AWS cloud secure with various AWS services like Firewall Manager, Guard Duty, IAM, Security Hub, etc. Managing On prime data centers as well as other Datacenters with OVH cloud/Telemaxx & Croc Cloud.

### Senior DevOps Engineer

*NR Group | August 2017 - March 2020*

NR Group is a Mysore, India based FMCG company. The group comprises six companies in various businesses such as essential oils, fragrances, incense, and military electronics equipment. They are also world's largest incense manufacturer and fragrance oil exporter. Here my primary role was managing AWS cloud infrastructure for more than six vertical within organization. Setup and deployment of multiple cloud architecture. Managing securities of AWS cloud Infrastructures. Leading a team of 5 plus system engineers and managing multiple vendors. Managing Hybrid Cloud with AWS. Managing Unix/Linux Platform for our web apps, android & ios apps. Designing and implementation of public and private facing Apps and websites on AWS Cloud. Migration from On-Premise Infrastructure to AWS Cloud. Managing company apps on Google Play Store and IOS AppStore.

### Web Engineer

*Simplotel Technology Pvt Ltd | April 2016 - May 2017*

Simplotel is a Bangalore, India based startup and Software-as-a-Service (SaaS) technology provider for Hotels. It was founded with a single purpose to help hotels drive more direct bookings.

As a part of operations team, my primary role was to help onboarding all the clients on Simplotel platform. Support and maintenance of Simplotel CRM, AWS EC2, AWS RDS and MySQL database. Managing AWS Infrastructure and cost optimization for the organization. Configuration of VPC , security groups, launching instances, databases and configuration of storage in AWS using EC2 , S3 , Route 53. Leveraged AWS cloud services such as EC2; auto-scaling; and VPC (Virtual Private Cloud) to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts, and are able to quickly evolve during development iterations. Expertise in implementation and maintenance of Apache HTTPD, SMTP, DHCP, DNS, SQUID, Postfix, Send mail etc.

### Technical Support Engineer

*Yahoo India Pvt Ltd| August 2017 - March 2020*

Yahoo India is a subsidiary company of Verizon media. It operates in multiple domains like Adtech, Finance, news, content, and email services.

Managing Support function for Yahoo Small Business products (Domain, Business Email and Hosting). Replicate errors and Escalate on priority basis to the Engineering team. Installation, Setup & troubleshoot of CMS (WordPress, Joomla) and 3rd party Designing tools. Managing Web Hosting, Search Engine Optimization, Yahoo business email and Web Analytics tools & services. Providing Feedback (Reports) to Senior Management about the Projects and Research Strategies. Troubleshooting yahoo web builder & design templates built on RTML language. Work Co-operative and Proactively with Team Members to provide resolutions. Accountable for building up revenue with existing clients. Trouble shoot virtual & physical servers on Linux environment, MySQL databases, Web mail & other mail clients. Trouble shooting high server load & DNS issues on the server. Configure and modify DNS record and trouble shoot issues with web hosting control panels.

### Training Specialist

*Aegis Limited | December 2011 - January 2015*

Aegis Limited operates as a business services provider firm. The Company provides business outsourcing and back office support solutions.

Reconciliation of Weekly/ Monthly and Quarterly Training Reports. Generate performance and KPI based reports. Building knowledge tools, implement ideas, quality, productivity and a culture of continuous improvement within the Training team. Working with business unit leaders to craft support strategies / goals. Analyze business operations data including all financials, service, sales and efficiency metrics, and customer satisfaction surveys, to identify actionable trends. Managing training reports for the complete center. Translate requirements into trainings that will groom employees for the next step of their career path. Build annual training program and execute them.