**Samudu Rajesh Kumar**  
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**A passion to utilise my Technical Knowledge, Experience by becoming an integral part of a group which is intended to put the company always to rising heights while being Resourceful and Innovative.  
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**Professional Summary:**

* **4+** years of experience experience in provisioning, resource management and setting up Enterprise infrastructure on Amazon Web Services.
* Amazon Web Services - EC2, EBS, ELB, EFS, VPC, IAM, RDS,ECS,CodeDeploy, S3, ASG, Cloud Watch.
* Experience in SCM tools like GIT for Version Management.
* Build management - Experience in tools such as Jenkins, Maven, Nexus.
* Experience in CI/CD methodologies using Jenkins.Code analysis using SonarQube**.**
* Hands on experience with configuration management tools such as Ansible.
* Expertise in containerizing web based applications using Docker.
* Hands on experience with monitoring tool Nagios.

**Employment Summary:**

* Working as Devops Engineer in **Continental** **Automotive** **Components** **India** **Pvt** **Ltd** since Sep 17 to till date.
* Worked as Configuration Management Engineer in **NSN(Nokia Seimens Networks)** from Aug 15 to Aug 17.

**Skill Set:**

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| **Cloud Environment** | Amazon Web Services. |
| **Version Control System tools** | GIT, Github, Code Commit |
| **Operating Systems** | RHEL, CentOS, ubuntu, Windows |
| **Compute** | EC2, RI’s, ELB, Auto Scaling, EIP’s |
| **Storage** | EBS, S3, EFS. |
| **Networking** | VPC |
| **Configuration Management** | Ansible. |
| **Containerization/Orchestration** | Docker |
| **Build Management Tools** | Maven. |
| **Continuous Integration Tools** | Jenkins. |
| **Code Analysis Tools** | Sonarqube. |
| **Application Servers** | Apache Tomcat. |
| **Monitoring Tool** | Nagios, Cloud Watch. |
| **Repository** | Nexus. |
| **Bug Tracking Tool** | Jira. |

**Project Summary:**

**Project#1:**

**Project** : EMS (Employee Mangement System) **Duration** : Sep 17 **–** Till date

**Company** : Continental Automotive India Pvt Ltd **Designation** : DevOps Engineer

**Technologies** : AWS, Java, Docker, Ansible,Jenkins, Github, Maven, Tomcat, Sonarqube, Nexus.

**Responsibilities:**

* Support the engineering teams regarding CI/Build Tools, Environments and Automation.
* Involved in Branching, Tagging and merging of Code at required releases.
* Configuring Day and Nightly builds for the spirent teams in jenkins.
* Troubleshoot and resolve issues related to application deployments and operations.
* Installed Jenkins/Plugins for GIT Repository, setup SCM Polling for Immediate Build with Maven and Jenkins.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Maintained build related scripts developed in Maven, Modified build configuration files.
* Daily activities includes creating builds for multiple projects, deploying artifacts to multiple QA/DEV environments and debugging issues.
* Making Application, Reports and Scripts ready for the Release on time.
* Documentation of patch process and build/release Process.
* Addressed software configuration management issues in coordination with development team.
* Date wise Daily keeping track all the Scripts.
* Experience in bug tracking and analyzing test results and prepared Release Notes.
* Written Ansible playbooks and Create roles as part of CI/CD to provision the infrastructure.
* Dockerizing Java web applications by writing custom docker images..
* Enabling the sonar Quality gates for the modules in project to maintain the Stability of the code.
* Setup the Nexus Repository to deploy the artifacts.
* Creating/Modifying EC2 instance type in case of demanding more/less resources(CPU, Memory).
* Creating ELBs. Troubleshooting instances in case of “OutOfService” in ELB.
* Creating Launch Configuration and Auto Scaling Groups. Updating LC with latest AMIs.
* Experience in configuringAWS IAM by managing the user’s new accounts, roles and groups.
* CloudWatch for monitoring server metrics, creating alarms & integrating with autoscaling.
* Create/Manage VPC, Subnets, Route Tables. Disabling ports via Security groups/Nacl’s.Enabling VPC Peering between Test, QA and Prod VPCs.
* Implemented S3 life cycle management, object creation/deletion, storing deployment revisions, reduced costs by creating customized alarms. Manage billing across several aws accounts.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB Services,EBS volumes; to set alarm for Notification or Automated actions, and to monitor logs for better understanding and operation of the system.

**Project#2:**

**Project** : FDA (Front Desk Assistance) **Duration** : Aug 15 **–** Aug 17

**Company** :NSN (Nokia Siemens Networks) **Designation** :DevOps Engineer

**Technologies** :AWS, Java, Redhat Linux, Jenkins, GIT, Maven, Tomcat, Sonarqube.

**Responsibilities:**

* Installation and Configuration of Continuous Integration Tool Jenkins.
* Configured CI, Nightly and Release builds/jobs in Jenkins.
* Created build pipeline, continuous integration in Jenkins.
* Experience in using build tool MAVEN for the building of deployable artifacts such as war, jar & ear from source code.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Performed the tasks of Branching, Tagging& Merging the source code between multiple branches.
* Setup/Manage Amazon Web Services in Development, QA, and Production.
* Performing deployments to multiple environments like Dev, QA, UAT & Production envs.
* Automate the build process using Jenkins jobs. Monitoring daily builds using CI tool Jenkins . Verifying logs if build fails.
* Created EC2 instances in Amazon Web Services. Assigned EIPs to the Instances.
* Configured Load Balancer (ELB) between multiple EC2 Instances and Configure health checks.
* Creating users/groups and assigning needed permissions with proper policies using IAM.
* Configure Virtual Private Cloud (VPC) with subnets and route tables. Implemented firewall using Security groups and NACL.
* Installing/Configuring/maintaining Application Server Apache Tomcat and deployments.
* Handlig Monitoring tools Nagios/Cloud Watch. Created Cloud Watch Alarms.
* Handling Disk Management. Create Swap Memory.
* LVM management.
* Configuring ACLs (Access Control Lists) for users and groups.
* Package management using YUM and RPM.
* Scheduling the jobs with cron and analyzing Cron jobs status.
* Experience in Installation and Configuration of Apache web server.
* Experience in Monitoring & Health-Check of Apache web server.

**Education:**

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| **Education** | **Board/University** | **Year** | **Percentage** |
| SSC (10th) | Netaji High School, Yerraguntla, A.P | 2007 | 89 % |
| +2 (MPC) | Deepthi Junior College ,Proddatu, A.P | 2009 | 85 % |
| B.Tech (EEE) | Annamacharya Institute of Technology and Sciences (JNTUA) | 2013 | 64 % |

**Personal Details:**

**Date of Birth** : 11th Nov 1992.

**Current Address** : 182/2, 4th Cross, 32nd Main, Dollars Scheme Colony, Madiwala, Bangalore,

KA – 560068.

**Permanent Address** : 6/232,Near Rail Way Gate, Yerraguntla(M), Kadapa(D), AP

PIN: 516309

**Declaration :**

I the undersigned hereby undertake and declare that information submitted above is true and correct to best of my knowledge.

**Place:** Bangalore **Samudu Rajesh Kumar**