

Amarendra Chowdary Kadambala

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PROFESSIONAL SUMMARY

AWS certified with **5 years** of experience in the IT industry. Extensively experienced in Software Analysis, Design, Cloud Computing, Software Configuration Management, Version Control, Continuous Integration, Continuous Delivery, Continuous Deployment (CI/CD), Implementation and Testing of Object-Oriented Applications and Web based Enterprise Applications using java/J2EE. Hands on experience on Aws Cloud, Linux, Configuration Management, Release Management and Cloud Implementations tuning and deploying code over multiple environments.

- Expertise in **AWS** Services like **IAM, EC2, AMI, S3, Subnets, VPC, Cloud Formation, SNS, SES, SQS, RedShift, CloudWatch, Route53, CloudTrail, Lambda, Kinesis** and **RDS** and obtaining **High Availability** and **Fault Tolerance** for AWS EC2 instances utilizing the services like **Elastic IP, EBS** and **ELB**.
- Experience in working in **agile development** teams using Scrum.
- Implemented various tickets using **ServiceNow ticketing** tool and bug/issue tracking, project Tracking and Management tool **JIRA**.
- Expertise in **Commercial Extraction**. Retrieve the data from Cassandra Database using **Linux** servers and perform the Extract operations and filter the data. Store the necessary volume/data in **MS-SQL Database**. Unwanted data return back to operation team.
- Experience in Virtualization (**Virtual Box, Vagrant, VMware**) and containerization (**Docker**).
- Worked on **Java8** features like **Lambda, functional interfaces** and **filters and default and static methods, streams**.
- Involved in a Spring framework (MVC/IOC/ORM/JDBC/Hibernate), Spring Integration and Struts (MVC, architecture, interceptors).
- Experienced in developing Restful Services using JAX-RS specification like Rest Easy to implement REST based Application.
- Involvement in **SVN, CVS, GIT, GITHUB, Bitbucket** and Perforce version control tools to manage the source code.
- Worked with Make, **Ant** and **Maven** Build tools in Java Environment.
- Implemented **CI/CD pipeline** for the database using **Jenkins**. Helped developers in creating Deploy snapshots, adding a version to the snapshot during production installs.
- Hands on Experience on **Deploy** the code on multiple Environments and test the data after Deployment. Maintaining the **Load balance** while deploying code on On-premises servers.
- Proficient in UI design, developed Front End using JSP, HTML5, CSS3, JavaScript, Bootstrap.
- Experience on handling the Production **P1/P2 issues**.
- Experience with Cloud Computing Service environment like (AWS) Amazon Web Services (**EC2, EBS, RDS, S3, Route 53 and VPC, Storage gateway, IAM** etc).
- Created **EC2, ECS** Cloud watch, Elastic IP's and managing security groups on AWS.
- Extensive experience in AWS Cloud platform and its features: **EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation AWS Configuration, Auto scaling, CloudFront, IAM, S3**.
- Implemented a production ready, load balanced like (**NGINX Load balancer**).
- Experienced with **RDBMS** implementation and development using **Oracle, My SQL, MSSQL**. and working with No-SQL **Cassandra** database.
- involvement in Cassandra Encryption database using Linux console and handling the Production downtime.
- participation in **Data integration management** tool **Talend**. Cloud integration along with Database Connections to manage and filter the jobs/files.
- Worked on **Apache Tomcat, WebLogic** and **WebSphere application servers** for deployments.
- Handling the **log4j vulnerability** Issue. Rectify the problem caused by using versions and solve those version changes and re-deploy all the services using Linux.

EDUCATION

Pursuing master's in computer science,
University of South Dakota (USD), Vermillion, SD.

Bachelor of Technology (B. Tech) in Vasireddy Venkatadri Institute of Technology, Guntur.

TECHNICAL SKILLS

Operating system	Linux (Red Hat, CENTOS), Ubuntu, Windows NT, Mac OS.
Web/Application Servers	Apache, Apache-Tomcat, Jboss, Websphere.
Automation Tools	Worked on Apache Tomcat, WebLogic and WebSphere application servers for deployments.
Build and Config Management Tools	Maven.
Version Controller	SVN, GIT and CVS.
Tools	Eclipse, Maven, Visual Studio, SQL Developer, Sublime text, Cassandra.
ETL	Talend.
CI-CD & Build tools	Jenkins, Maven, ANT, Gradle, AWS CI-CD.
Cloud Technologies	AWS, AZURE, GCP.
Databases	Oracle, MS SQL, Cassandra.
Programming/Web Technologies	Java, HTML, CSS, Java Script, Bootstrap.
Reporting Monitoring & Ticketing Tools	Jira, Service Now.
Scripting	Shell Scripting (Korn/Bourne/Bash), ANT Scripts, WLST, Perl, Python, TCL, Ruby
Security tools	Aws SSL Certificates.
Testing Tool	Junit, Postman.
Monitoring tools	CloudWatch, NGINX.

PROFESSIONAL EXPERIENCE

EQUIFAX ANALYTICS PVT. LTD Bangalore
Sr. Technical Analyst.

Sep 2021 – Jul 2023

Responsibilities:

- Experience in various phases of Software Development Life Cycle (**SDLC**).
- Interfaced with upstream and downstream systems to gather requirements.
- Responsible for creating High level and Component level design documents.
- Involved in developing SQL queries and stored procedures to **Insert, fetch and update** records into the database using Spring JDBC and Hibernate.
- Expertise in **Commercial Extraction**. Retrieve the data from Cassandra Database using **Linux servers** and perform the Extract operations and filter the data. Store the necessary volume/data in **MS-SQL Database**. Unwanted data return back to operation team. Every month I, retrieve **1.3 billion** data/records from the Cassandra Database and filter those records and extract those records from the DB and stored in MS-SQL Database. On RBI Audit purpose.
- Worked on spring based RESTful Web service.
- Experience **Agile & Scrum** Methodology for development of the applications.
- Responsible for interfacing with various teams, groups to resolve defects.
- Responsible for preparing the release implementation plan and provide support during **Production implementation**.
- Involved on monthly **patching activity**. Shutdown all the Production servers and upgrade the Server version and Application versions and reduce the Application fetching time from the client side. After patching activity turn on the Linux server to redirect the Enterprise Application.
- Response to Create and maintaining the **ServiceNow tickets** based on Client changes or maintain the Proper versions and releases and reschedule the tickets or cancel the tickets and **expedite tickets**.

- Experience on handling the Production **P1/P2** issues and bug/issue tracking, project Tracking and Management tool **JIRA**.
- Maintaining the server logs and load balance of the servers (**NGINX Load balancer**). Track the **UAT** and **PROD** application logs.
- Troubleshooted build failures and helped resolve issues with product teams.
- involvement in **Cassandra Encryption** database using Linux console and handling the Production downtime.
- Implement the Aadhar masking and phone number masking on Commercial reports development. Using itext library to create and manipulating the PDF's on commercial reports.
- Involved Talend migration version from 5 to version 8. Backup all the jobs and install the latest version with the support from on-site team and re-deploy the jobs and checking the system stability.
- Involved on **Talend jobs** Deployments using Linux in various Environments.
- Handling the **log4j** issue nicely and re-deploy over 120 micro-services into different Environments.
- Handling to set up code branches for both Pre-prod and Prod using SVN push and commit.

Environment: Java, Spring, Linux, Ubuntu, MAVEN, Tomcat, Apache, Linux-Deployments, Windows, SVN, Git, GitHub, ServiceNow, JIRA, Postman, NGINX, Cassandra, SQL-Developer, MS-SQL, Talend.

Lince Soft Solutions PVT, LTD.

Jul 2018 – Sep 2021

Cloud Engineer

Responsibilities:

- Maintaining the Server logs and **EC2** Instance status checks.
- Provisioned AWS **EC2 instances** using Amazon Machine images such as, **Centos** and **Ubuntu** to run and test Applications and attached **EBS** volumes to those instances.
- Written scripts for creation of new snapshots and deletion of snapshots in **AWS RDS**.
- Deployed Applications in AWS Environment by configuring **EC2, VPC, ELB, Elastic IP, Auto-Scaling, Security Groups, IAM, S3, EBS, SQS, Route53, CloudWatch, Cloud Formation, CloudFront, Cloud Trail, RDS**.
- Configured Roles in AWS **Identity & Access Management (IAM)** for secure communication between AWS components and also created Users and Groups in **IAM** for improved login authentication.
- Designed AWS **Cloud Formation templates** for provisioning customized **VPC**, subnets, **NAT** for successful deployment of Web Applications. Used **Content Delivery Network (CDN)** which is AWS CloudFront to reduce load on front-end servers and also analyzed the petabyte-scalable data using AWS Redshift cluster & deployed customized images based on requirements.
- Designed **Network Security Groups** to control inbound/outbound traffic to **network interfaces (NICs)**, Virtual Machines & subnets.
- Involved to create a logos using Front-end tools and frameworks using (**HTML 5, CSS 3, JS, Bootstrap**).
- Response for creating and handling the ticketing tools **ServiceNow** and assign those tickets to **QA** and **Dev** teams based on Client requirement basis, reschedule the release dates based on **Expedite Tickets**.
- Developing the Progress/Grade cards for different schools and also time sheets with the help of back-end database MS-SQL.
- **Debugging** and resolving issues to ensure smooth application functionality.
- Deploying and managing cloud infrastructure on **Amazon Web Services (AWS)** platform.
- Designing, building, and maintaining scalable and **cost-effective solutions** using AWS services.
- Create the **EC2** Instances and maintaining the server backup and take the **AMI's** for the relevant **Linux** servers.
- Involved in the **VPC** architecture and create an Internet Gateway and assign the **subnets** with **IPv4** IP configuration.
- Involved in the storage management like **Simple storage service(S3)**. And store the Images/objects using S3 standard class for frequent access data. And maintain the data on cross region using **cross region replica**. Backup data is always pointing to another S3 bucket with different region with different storing class.
- Creating the SSL certificates for websites using **Route53** for static website deployments.
- Involved to create an **Auto-scaling** policy for different servers.
- Response for creating an identity for each user for limited access for the to the Amazon console. set a boundary for each user and enable the **multi-factor authentications** on every login.
- Response for Install the remote access bundle on each system to connect via Internet.
- Response for **lambda Expression policies** and auto backup for server data.
- Involved in RDS (Relational Data storage). Set up the PROD Environment and maintain the Storage volumes and provide the securities using EC2 server using security groups.

Environment: AWS, GCP, Linux, Windows, EC2, EBS, AMI EBS, VPC, S3, AMI, Auto Scaling, Red Hat Linux, RDS, CI/CD Pipeline, MS-SQL, MAVEN, Git & GitHub, SVN, Tomcat, HTML, CSS, Java Script, Bootstrap.