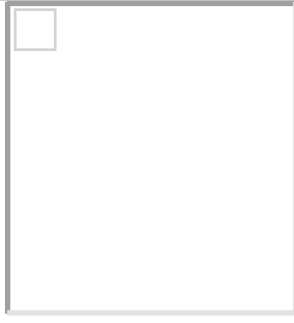


**Santhosh Kumar Bodla**



[Santhoshkumarb8888@gmail.com](mailto:Santhoshkumarb8888@gmail.com)

**Role:** Technical Lead

**Responsibility:**

- alyzing and fixing the production environment issues at application level and infrastructure level.
- iting automation scripts and utilities based on specific requirement.
- up and maintain Kubernetes clusters to make high available of our java containers.
- riting Kubernetes manifest files to define several Kubernetes objects for provide runtime for java containers.
- olved in creating and managing the infrastructure on Multiple application environments using Terraform automating the CI/CD process implementation with help of GitHub actions, Jenkins, and Argo Cd.
- reating and Managing the Helm packaging manager for packaging Kubernetes manifest files.
- iting the AWS Lamda functions for serverless architecture using Java 8 and Spring boot frameworks.
- onitoring the infrastructure of the applications and implementing quick actions if we see any unusual things in p
- roviding the High availability to applications using Autoscaling and Application Load balancers.
- ing the bugs at code level using Java 8 in microservices and serverless lambda functions.
- olving solve the issue in production environments at all Devops phases from development, building and deploy
- roviding RCA with detailed analysis of production issues.
- ed S3 buckets for maintaining application autogenerated reports.
- ing Cloud watch monitoring tool for logging and alerting management.
- orking with multiple applications teams to understand the downstream application issues.

**PREVIOUS EXPERIENCE**

**AAA (American Automobile Association):**

Jan 2018

**Project Name:** Call Receiving and Dispatch application- American Automobile Association.

**Project Description:** AAA is an American automobile association organization to making communication between the A providers to solve the customer problems.

**Technology Used:** Java 8, Spring Boot, Hibernate, Git, Maven, Docker, Kubernetes, Terraform, AWS cloud services – EC2, Actions, Argo CD, Jfrog and SonarQube, Linux.

**Role:** Technology Analyst

**Responsibility:**

- up and Implementing Kubernetes clusters to make high available for running java containers.
- ntainerized the java microservices by implementing Docker files.
- iting Kubernetes manifest files to deploy those microservices in Kubernetes cluster.
- olved in ci/cd process by writing pipelines in Jenkins and GitHub actions.
- reating and managing the cloud infrastructure on AWS cloud with multiple environments like Dev, QA, Staging a terraform automation scripts.
- sed various services like EC2, S3, VPC, Lamda, RDS, Elastic Kubernetes Service (EKS) and CloudWatch.
- iting AWS Lamda functions for serverless cloud native applications and integrated them to S3 and CloudWatch
- viewing source code with help of pull requests in GitHub.
- ing the bugs in production environments related to application level and infrastructure level.

Monitoring the applications using CloudWatch monitoring tools.

**Telstra Digital: Sep 2016 – Jan 2018 Project Name:** Telstra Digital- Expert Finder.

**Project Description:** Telstra digital is a leading Telcom industry. Using this applications Telstra business experts can come up with their requirements.

**Technology Used:** Java 8, Spring Boot, Hibernate, Git, Maven, AWS cloud services – EC2, S3, Lambda, Jira.

**Role:** Senior software Engineer.

**Responsibility:**

- Design and Implement application infrastructure on AWS for running java applications.
- Maintained High available implemented Autoscaling groups and Load balancers for multiple java applications.
- Implemented VPC architecture of private network for our applications.
- Implemented the CI/CD process to achieve quick deliverables using Jenkins tool.
- Written docker files for creating docker images for java microservices.
- Create and Manage the RDS and Dynamo Db managed database services for our applications.

Ø

Written multiple AWS Lambda functions using java 8.

Ø Solving production issues and fixing the bugs at application level and infrastructure level.

**United Airlines: May 2014 – Sep 2016 Project Name:** United

Airlines – Cargo Dispatch Application.

**Project Description:** United Airlines in an American Airlines company. The objective of this application is tracking the cargo shipments.

**Technology Used:** Java 8, J2EE, Spring boot, Hibernate, MySQL, Git, Maven, Jira.

**Role:** Software Engineer

**Responsibility:**

- Ø Working with the client and gathering requirement for designing and implementation of Microservices.
- Ø Implementing application business logic by using Core java and J2EE technologies.
- Ø Implementing microservices using Spring Boot and Hibernate frameworks.
- Ø Fixing the QA reported issues and SonarQube quality checks.
- Ø Writing the SQL queries to communicating with the DB.
- Ø Monitoring the application and provide the application monitoring reports to the client.
- Ø Involving in the troubleshooting of application issues.

**SYSTEMS PROFICIENCY**

Operating systems	Amazon Linux, Windows
AWS Services	EC2, Loadbalancers, Autoscaling, VPC, EKS, RDS, DynamoDB
Programming Languages	Java 8, Springboot and Hibernate Frameworks
Source code management	Git and GitHub
Build tools	Maven
Containerization tools	Docker
Orchestration tools	Kubernetes
CI/CD tools	Jenkins, GitHub Actions, Argo CD
Infrastructure automation tools	Terraform

**EDUCATION**

Ø B.Tech.(Computer Science and Engineering) from VITS Engineering College, JNTUH.

Ø Intermediate from SR Junior College, Karimnagar.

Ø SSC from BVKHS school from Karimnagar

**WORK EXPERIENCE**

Currently Working as Technology Analyst in Infosys limited from Jan 2018 to till date.

Worked as Senior Software Engineer in Jarus Technologies pvt limited from Sep 2016 to Jan 2018.

Worked as Software Developer in Uptec Idelabas Limited from May 2014 to July 2016

**ACHIEVEMENT/CERTIFICATION/TRAINING**

**certified as Certified Kubernetes Administrator – CKA.**

**certified as AWS Certified Developer – Associate.**