Jaya Sai Muppalla

Software Engineer

Personal Info

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WWW
https://j.web.umkc.edu/jmmvd

GitHub
https://github.com/jayasai470

Skills

Java

Advanced

NodeJS, Express, Meteor

Advanced

AWS

Advanced

Spring Boot, Spring Cloud

Intermediate

Serverless

Advanced

Docker

Advanced

Tizen

Advanced

HTML, JS, CSS

Advanced

Devops

Intermediate

Kubernetes

Intermediate

Mongodb,Dynamodb,Mysql

Advanced

Summary

Experience in designing, developing, deploying and maintaining highly available, scalable rest api's which are battle tested and performance optimized using java, nodejs and aws

Experience

2019-07 - present

Engineer 2, Software Process Engineering

Employer: Samsung Electronics America Inc

- Implement back-end architecture components, tasks, and services to support Samsung Gear applications and services
- Created microservices with FAAS approach, using event driven architecture with hosting on AWS and deploy from code approach using Serverless
- Created full reactive applications using spring webflux
- Implement graphql microservice with code first approach using Java SPQR library
- Automating deployment of single page based react app using CDN and S3.
- Used apache flink for real time stream processing with detections using CEP(complex event processing)

2015-06 - 2019-07

Server Engineer

Employer: First Object inc **Client:** *Samsung*

- Developing and deploying with serverless stack, dynamodb in a global multi region deployment with less latency as key goal
- Implemented custom report generation for timesheets (pdf, csv, xls) and delivery based on geofence data with persistent triggers using quartz scheduler ,spring boot, SES
- Exposure in all parts of the app development including client, server, content management system(Magnolia), persistence layer, stream (Kafka) etc.
- Working in multiple projects on a polyglot environment and ensuring deliverables are met on time
- Working on springboot and spring cloud with netflix OSS stack which includes Zuul, Hystrix, Consul, keycloak in a micro service architecture
- Rapid prototyping for POC,s with new technologies and maturing them to be production grade deployments
- Dockerizing the app, deploying and maintaining containers in production using Container orchestrations like ECS, EKS (Kubernetes service in AWS)
- Expertise in cloud deployments and using aws cloud services as part of architecture for deliveribility and reliablilty

Education

2013-08 - 2015-05

University of Missouri Kansas City (UMKC)

Master's in computer science

2009-05 - 2013-04

Jawaharlal Nehru Technological University

Bachelor's in Electronics and Communication Engineering