Abhishek C

Application Engineer

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ABOUT

Software Engineer with relevant experience working on an agile environment in multiple large scale cloud native B2B applications with knowledge in Java development, microservices and SOAP/REST APIs.

EXPERIENCE

Oracle, Trivandrum - *Application Engineer*

JUNE 2018 - PRESENT

Intelligent Advisor - CX Sales and B2B Service Connector

Re-architecture of legacy connector between Oracle Intelligent Advisor and CX Sales B2B Service from monolith deployment to a scalable, multi-tenant, cloud native app for performance optimization, using Helidon Microprofile, JAX-RS and JAX-WS frameworks.

- Implementation of kafka for messaging/storage channel between helidon microservices.
- Implemented containerised mock REST server for integration testing and packaged/deployed to k8 infra with helm.
- Developed and maintained Jenkins pipelines to integrate dev workflow with build(Gradle, Maven), static code scan (SonarQube, Fortify), integration tests, package, publish and deploy microservices to Kubernetes cluster in Oracle Cloud Infrastructure (OCI).

Intelligent Advisor Adapter for Oracle Integration Cloud

- Support for dynamic data loading in Intelligent Advisor adapter.
- Support for adapter Endpoint metrics.

EDUCATION

Rajiv Gandhi Institute of Technology, Kottayam, Kerala - *B.Tech Computer Science*

JUNE 2014 - JUNE 2018

CGPA : 7.4

- Developed a PSO-KMeans clustering based botnet traffic detection mechanism (for private networks) using .NET Core platform.
- Volunteered as Placement cell student coordinator for Career guidance and placement cell.
- Participated in multiple state level camps as a National Service Scheme volunteer.
- Participations in multiple intercollege Hackathons.

- Acted as Prizes and Certificate committee head for Inter college techno cultural fest, Ritu (2018).

TECHNOLOGIES/TOOLS

- Backend: Helidon microservices, .NET Core, ADF
- Infra: kubernetes, Docker, OCI, Jenkins, helm, kafka, Gradle
- Monitoring/Alerting : Prometheus, Grafana
- Analysis/Testing: jUnit, jMockit, mountebank, SonarQube
- Frameworks : JAX-RS, JAX-WS, Helidon, Netflix/Hystrix