Avinash Balasa

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Summary

* Software engineer having 6+ years of experience in Analysis, Design, Development and Maintenance of multi-tier Java applications in Banking and e-Commerce domain
* Strong communication, collaboration and team building skills with proficiency at grasping new technical concepts quickly and utilize the same in a productive manner.

Experience

**Ernst & Young |GAP client**

Senior Technology Consultant ***12/2021*** – present

* Working as a Senior java developer in ecommerce project handling order lifecycle with 60% development, 20% DevOps support, 20% Maintenance and Automation of prod issues in Agile methodology
* Event based Microservices runs on Spring framework with mybatis for DAO layer, IBM MQ and Kafka for events with camel integration, Junit, Mockito as unit test framework, cucumber for Integration tests and deploying microservices to PCF via Jenkins
* Well versed with using Azure services like Eventhub, Cosmos DB, Azure SQL, Azure vault and AKS
* Can work independently on assigned stories, asks Architects for any design or functional doubts in early days of sprint and demos the features to client after proper UT and integration testing on time.
* Received client accolades for creating efficient Jmeter load test scripts for synthetic orders upon priority

**Accenture | AT&T client**

Senior Java Developer ***09/2019*** – ***12/2021***

* Working as a developer in core payments project for developing features and migrating existing SOA applications to microservices in Agile methodology
* Uses Customized Spring framework with Spring JDBC template, swagger, REST filters, service discovery for developing solutions in Java and Oracle DB
* Developed new pub-sub mS which processes different payment notifications with a peak traffic about 30000 messages every minute using Kafka.
* Maintained and developed new functionalities in Pro\*C (Oracle + c)
* I was part of internal DevOps team that periodically looks after GIT branching strategy, Jenkins build issues and deploying features and releases through Kubernetes
* Maintains health of mS pods, cron jobs, services and quota in Kubernetes non prod clusters.
* Introduced horizontal pod auto scaling on all mS to save lot of man-hours and increased availability.
* Developed scheduled batch jobs in java and shell scripts that does settlement and Rest services that does preauths and payments with Braintree processor.
* Actively participates in scrum calls, test design plans, defect fixes, prod issue and pre prod activities.
* Conducted cross team KT sessions and CI/CD processes and helps to nurture associate developers to come up to speed with development activities.
* Possess good troubleshooting skills and suggested couple of idea for automation drive in Accenture. Smart Git commits and maven password encryption were selected and broadcasted across teams.

**Tata Consultancy Services**

**| Bank of America Client**

Java Developer ***06/2016*** – ***08/2019***

* Developer to follow DevOps practices within the phases of SDLC, adopting CI/CD pipelines with jenkins as code, automated builds and artifacts publish and application deployment.
* Developed Rest APIs to CRUD the data from MySQL DB to endpoints, custom APIs to communicate with CISCO, Unity APIs using microservices to automate the IT infrastructure with in the Bank.
* Collaborated with the clients and developed Audit logging for primary inventories and enabled Oauth2 Authentication for custom API gateway.
* Does unit tests using Junit, whitebox testing using postman and End to end testing of APIs developed using swagger and postman.
* Developed a test-suite application to run scheduled test cases on all our APIs and generate status to verify stability after the release.

Education

JNTU Kakinada - 7.69 CGPA - ***2012-2016.*** Bachelor of Technology (ECE)

Intermediate – 92.7% ***2010-2012***

SSC – 91.33% ***2009-2010***

Skills& Tools

* **Frameworks:** Spring Core, Spring Boot, Spring Cloud, Spring Data, Spring JDBC, REST, SOAP, mybatis
* **Databases:** MySQL, Oracle DB, Azure Cosmos DB
* **Application Servers & Exchanges:**  Apache Tomcat, Apache Kafka, Apache Camel
* **Developer Tools:** Java 8, Eclipse, IntelliJ Ultimate, Postman, Oracle SQL developer, Swagger, visual studio code, VirtualBox, JUnit, SOAPUI, Jmeter
* **SCM Tools:**Tortoise SVN, GitHub, Git Bash, BitBucket, source tree
* **DevOps Tools:** make builds, Docker, Kubernetes, kubectl, maven, Apache Ant, Log4j, Jfrog's Artifactory, Nexus repo, Jenkins, Ansible, Ansible tower, IBM uBuild, udeploy, SonarQube, Graphana, Azure Eventhub, PCF deploy, Websphere explorer