Vamshi Krishna Nunna

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Java Developer

Professional Summary

Highly-qualified Java Developer offering 4 years of progressive experience. Expert in designing, developing, maintaining and improving a wide range of products. Clear communicator and effective team player.

Work History

2019-03 - Current

Java Developer

J.P. Morgan Chase, Wilmington, DE

- Implemented Restful Web services and deployed them on a horizontally scalable pivotal cloud platform.
- Configured Time based auto scaling rules which will scale application instances based on the incoming traffic.
- Implemented Global load balancer which uses geo proximity policy for the consumers to minimize latency.
- Integrated highly Available and partition tolerant Cassandra Database to the Spring boot services which ensures data integrity by data replication.
- Configured a distributed Apache Kafka messaging queue producer/consumer for inter-service communications and to stream data continuously.
- Designed and developed high performance Reactive Restful web services using Spring boot from the scratch to promote asynchronous non blocking API requests and maintained JVM threads efficiently.
- On-boarded services to API Gateway and also configured Spring cloud Hystrix to achieve fault tolerance.
- Generated load testing scripts using Jmeter and tested Restful web services on different loads to identify thresholds.
- Deployed services to Pivotal cloud platform using Blue-green deployment which ensures zero downtime and 100% availability for production application and smooth transition while switching to new releases.
- Implemented Apache Kafka Dead letter queue service to make sure that no data is lost while consuming data from Apache Kafka.
- Configured Splunk and dynatrace tools to monitor logs, generate alerts and JVM metrics.
- Performed unit testing using Junit 5, Mockito and power mock

Contact

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Skills

Cassandra,SQL
Rest API
Pivotal cloud foundry
Dynatrace,Splunk
Apache Kafka
Junit, Mockito
Java, Spring Boot
Maven, Jenkins
Docker, Kubernates

Education

2016-01 - 2017-12
Master of Science: Computer Science

University of Central Missouri - Warrensburg, MO

GPA 3.28

2011-07 - 2015-05
Bachelor of Science: Electronics And Communications Engineering

GITAM University - Hyderabad, India

GPA 3.2

Certifications

2018-10
Professional Scrum Master I

to ensure conditional coverage with a percentage greater than 90%.

2018-09 -
2019-03

Java Developer

Costco, Issaquah, WA

- Developed sequential and conditional batch jobs using the Spring batch framework.
- Worked on migration of User Identity data using token-based Authentication.
- Designed and developed high-performance jobs using Multi-Threading and Range Partitioning of the Batch Job.
- Developed REST API's using spring boot and configured swagger for API documentation.
- Implemented Secured API's using OAuth2.0 token based authentication/authorization.
- Worked on Unit testing frameworks Junit and Mockito.
- Worked on various phases of Software Development Life Cycle gathering requirements, modeling, analysis, design, development and testing.
- Worked extensively on GIT for version control and JIRA for ticket tracking.

2018-05 -
2018-09

Full Stack Developer

CSX Transportation, Jacksonville, FL

- Worked extensively with JAVA 1.8 features like Multithreading, Lambda Expressions, Exception Handling and Stream API.
- Created single Page Application with loading multiple views using route services and adding more user experience to make dynamic by using Angular 2/4 framework.
- Developed server side application to interact with database using Spring Boot and Spring REST.
- Implemented complex PLSQL queries, procedures and functions using Oracle DB.
- Created data model and generated Hibernate mappings and domain objects using Hibernate tools.
- Extensively used GIT for version controlling.

2015-01 -
2015-12

Java Developer Intern

Winstone Solutions Pvt Ltd, Hyderabad, Telangana, India

- Designed UI mock up screens using HTML, CSS and JavaScript.
- Developed backend application on Spring framework - Spring Dependency injection and Spring Beans.
- Implemented multi-threading and exception handling to improve application functionality.
- Integrated Spring AOP module to handle logging.
- Created simple queries and stored procedures for database events.