Balamurugan Radhakrishnan – Microservices using Java - DevOps Engineer

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Professional Profile

- Highly experience change professional with 11 years of experience in development and testing
- Currently working in Tata Consultancy Services(TCS) for the client Marks & Spencer
- Efficient DevOps engineer (4 years) in developing Microservices based Java cloud applications (involving Docker & Kubernetes)
- Achieved 100% Automation (UI using selenium & Services using REST API) in cloud solutions and implemented it in pipeline
- Transformed legacy applications into a cloud-hosted independent Microservices using Spring Boot and REST APIs
- Hands on knowledge in different phases of Software development and Agile methodologies

Skills

- Quick learner
- Pressure handling - ability to handle multiple projects patiently
- Communicating issues and delays to senior management prior
- Problem analysis and solving
- Design level thinking and Stack holder engagement
- Agility - ability to adapt approach and skillset to varying situations.

Technical Expertise & Tools

- Java 8
- Spring Boot
- Spring Batch
- Spring MVC
- SQL/Hibernate/JPA
- Cucumber, Selenium
- REST API
- JUnit
- Microsoft Azure
- Kubernetes
- Docker
- CICD Pipeline/Jenkins
- SonarQube
- IntelliJ/Eclipse
- GitHub
- Sauce Labs
- POSTMAN
- Log Entries
- Grafana
- Jira/ALM/Zephyr/Confluence
- JSON/XML

Achievements

- Received award from Head of Business Solutions and Programmes for Outstanding contribution to one of Major business programme transformation
- Successfully automated all of monitoring and health check activities (100%)

- Received appreciation from PO for successful design, development and delivery of Peak order processing
- Quickly adapted towards changing technology from a tester to a full stack engineer
- Received multiple awards and recognition for effective contribution towards project activities and adding value to Business
- Voluntarily prepared document of understanding (DoU) of client's end to end business flow of various channels
- Recently started participating in online coding challenges like Codewars , HackerRank.

Career Summary

DevOps Engineer (Dec 2015 – Now) – Tata Consultancy Services (TCS) - Client - Marks & Spencer

- Working for a Major transformation programme which is responsible for migrating Mainframe capabilities to Azure cloud solution
- Responsible for designing, developing and supporting Java Microservices applications using Java , Spring Boot , Spring Batch and REST API
- Implemented REST API services with Cache for efficient utilization of resources
- Created CICD pipeline using groovy scripting in Jenkins
- Responsible for Automation testing of components using JUnit,UI using Selenium integrated with Sauce labs and services using REST API and summarizing test results in dashboard
- Containerized application management using Docker & Kubernetes
- Implemented pipeline/ automated way of monitoring logs in support operations(using Webhooks)

Technical Test Lead (Mar 2013 – Dec 2015) – Tata Consultancy Services (TCS) - Client - Marks & Spencer

- Created Test Strategy for a complex programme which requires Risk Based Testing
- Responsible for identifying areas of automation and guiding team to automate the same.
- Independently designed & developed Automation scripts using Sikuli & Selenium for ACL Testing which saved tremendous effort and added value to programme
- Actively involved in various technical and design discussions/workshops

Test Analyst (Dec 2009 – Mar 2013) – Tata Consultancy Services (TCS) - Client - Marks & Spencer

- Understand, Analyse & challenge Business requirements and design test cases to test functionality
- Gained existing business knowledge in a short span to capture regression defects

Education & Qualifications

- Bachelor of Engineering – Electronics and Communication ⏰ 2004-2008
- ISTQB Certified
- DB2 700