MEGHA BAJAJ

SENIOR SOFTWARE DEVELOPER

CONTACT

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LOCATION

Bangalore, India

WORK EXPERIENCE

Cognizant As Associate – Projects

PROJECTS DELIVERED

BANKING POLICY MANAGEMENT SYSTEM (October 2023 – Present) –

- Project is mainly about changing the application architecture from Legacy Monolithic Systems to Microservice Architecture.
- **Tech Involved:** Java8, Spring Boot, Kubernetes, Microsoft Azure.
- Developing scalable Microservices using Java Spring Boot to be consumed by UI Applications.
- Followed CICD Process for deployment on AKS Using Jenkins Pipelines.
- Worked on issues raised on Production Environment and resolved them in timely manner.

FINANCE & TREASURY (June 2022 – September 2023) –

- Project is mainly where user can upload his transaction details either manually i.e., using front end as **Dodeca** and submit all the information or other way is using a bot service i.e., by just providing an excel sheet and system will automatically update all the info. Once the excel sheet is uploaded, that request will be validated and converted to an XML file, some tokenization's will be done, and response will be updated.
- **Tech Involved:** Java8, Spring Boot, Jenkins, Git, SQL Developer.
- Work on the implementation of product customizations and enhancements for clients.
- Develop optimized solutions, making sure that performance and quality are not impacted.
- Used Jenkins for deployment of code developed.
- Directly working with client for the deliverables and handling the project single handedly from offshore
- Used Snyk and Check Marx for vulnerability assessment of code.

- Also contributed in creating JMeter scripts for stress test of application.

MATTEL (December 2021 – May 2022) –

- This Project basically includes developing a middleware system where requests from different sources need to be handled/transformed and then publish data to target systems.
- **Tech Involved:** Java8, Spring Boot, Junit 5, Kafka, Git, Streams
- **Work Done:** It was basically a POC where it was expected from me to create a java application where the application will receive JSON messages from Kafka, have to perform some operations on the messages received and publish those transformed messages again to a Kafka topic. In between it was also expected to have some filtration logic at the receiving end using streams. We had a set of JUnit testcases written where that message received from Kafka will work as input for the testcase, later the test case report generated will be uploaded to GCP bucket. For the deployment part we used CICD pipeline

IBM as Senior System Engineer (July 2021 – November 2021)

PROJECTS DELIVERED

SBI (July 2021 – November 2021) –

- Working on designing and delivery of products for customers.
- Maintain proper documentation of all the deliverables.

Tata Consultancy Service as System Engineer (March 2018 – July 2021)

PROJECTS DELIVERED

DMaaP Adaptor (February 2020 – July 2021) –

- DMaaP Adaptor will be capable of publishing JSON messages to DMaaP message bus. It will read JSON format data (refined faults and alarms) from Kafka topic and will perform transformation based on transformation rules defined. The transformed data will be published to DMaaP bus via REST call.
- **Tech Involved:** Java8, Spring Boot, Junit 5, Kafka, Git, Python, Kubernetes, Docker, GitLab.
- Working on designing and delivery of products for customers.
- Troubleshooting to find the root cause of issues and deriving proper solutions for the same.
- CI/CD Pipeline for continuous integration and deployment of code developed.
- Use of Sonar Lint to ensure design quality.
- Use of Kafka to consume/produce messages.
- Maintain proper documentation of all the deliverables.

- Junit test scenarios (Mockito + wire mock) to verify the design implementation and to ensure code coverage.

Online Charging Control (May 2018 – January 2020) –

- Working on an Online Charging System (OCS – 4G/5G) for Ericsson that allows a service provider to charge a user for services in real time. The OCS handles the subscriber account balance, rating, and charging.
- **Tech Involved:** Core Java (OOPS concepts, Collection Framework, Exception Handling etc.) TTCN (Scripting Language for testing of communication protocols), YAML, Eclipse, GIT, ANT, POSTMAN, JMeter
- Worked on multiple design and delivery of product customizations for T- Mobile Voice customers.
- Derived test scenarios and automated them using TTCN scripts.
- Troubleshooting to find the root cause of issues and deriving proper solutions for the same.
- Used the Diameter Protocol for information exchange between the Charging system and GGSN.
- Giving a demonstration of the product to the customers and handling customer queries.

ACADEMICS

B.E. – Computer Science Engineering, April 2017
CGPA: 8.52 Rajiv Gandhi Technical University

HSC, March 2013
Percentage – 88.9 [MP Board]

SSC, March 2011
Percentage – 85 [MP Board]

ACHIEVEMENTS

1. Partner Recognition from client for exemplifying company values in Cognizant.
2. On the spot award, Appreciation for my quick turnaround for issues in a completely new area for the project (OCC) in TCS.
3. Received STAR Award from Client for excellent contribution for product customization activity.
4. Certificate of Appreciation for outstanding contribution in critical activities.
5. SPOC for scheduling training to enhance technical skills.