

RAJDEEP ACHARYA

Lead Software Engineer

@ rajdeep777acharya@gmail.com +91-9663970562 in linkedin.com/in/rajdeep-acharya/ github.com/rajdeep-acharya Bangalore, India

PROFESSIONAL SUMMARY

9.5 years of experience in software design, development, integration, maintenance of various client-server web applications.

EXPERIENCE

Lead Software Engineer

Nagra Kudelski India

July 2019 – Present

Bangalore, India

- Developed cloud-based microservices using Java 8 and Spring Boot.
- Collaborated with technical architects to create high-level design and low-level design using UML diagrams.
- Mentored junior members of the team.
- Implemented docker based containerized integration tests and unit tests. Maintaining the code coverage above 65%.
- Actively did pair-programming for code reviews and technical challenges.

Senior Software Engineer

Nagra Kudelski India

October 2014 – June 2019

Bangalore, India

- Designed and implemented web services, domain and database components using Service-Oriented Architecture.
- Worked by Agile Scrum framework. Responsibilities included interaction with business team in story grooming, estimations, defining acceptance criteria, definition of done.
- Bug-fix and tracked issues using JIRA, version control in GitLab.

Software Engineer

Cognizant Technologies Solutions

July 2013 – October 2014

Coimbatore, India

- Developed, maintained software using Java 6 and MySQL.
- Tracked bugs & defects via HP ALM tool.

PROJECTS

Project 1 - Business Enabling Interface

Nagra Kudelski India

September 2019 – Present

- BEI provides interfaces and administration to provide integration of online services to customers to implement value added business solutions.
- Transformed monolithic app to micro services using Spring Boot via 12-factor app methodology Centralized Configuration & Logging. Revamped the logging architecture by following Chain of Responsibility design pattern.
- Developed load balancing module using Netflix Ribbon. Used Weighted Response Time Rule for improving time efficiency. Implemented analytical data for publishing alive nodes, total requests, connection history etc.
- Tech used : Spring Boot, Spring Security, Spring data JPA, REST web-services, Microservice architecture, Docker, Kubernetes, PostgreSQL, RabbitMQ, AWS S3, AWS EC2, AWS EKS, AWS Cloud Watch, AWS IAM

Project 2 - Skidata Sales Platform

Nagra Kudelski India

April 2017 – September 2019

- Increased fault tolerance between components by implementing Circuit-Breaker Pattern using Hystrix. Increased system reliability with proper fallback mechanism during downtime.
- Improved robustness by implementing health monitor RESTful API using Spring Boot Actuators to monitor data-sources, thread pools, active threads, peak threads, rejected threads.
- Tech used : RabbitMQ, Spring boot, Spring data JPA, REST web-services, Microservice architecture, Docker, Rancher, PostgreSQL

Project 3 - Skidata Online

Nagra Kudelski India

Oct 2014 – Apr 2017

- MAXXO is part of SKIDATA ONLINE cloud solution stack. The MAXXO-Microsite is a highly customizable web application developed for selling tickets online. It comes with a pre-deployed set of ready-to-use microsites.
- Tech used : Java/J2EE, EJB 3.0, Oracle, Wildfly, REST and SOAP web-services, Maven

STRENGTHS

- Development: Java 8, Object Oriented Design, API, JMS, Design Patterns, Microservices, RabbitMQ, REST API, SOAP, SQL, Docker, Kubernetes, Shell Script, Unit tests, Integration tests

- Frameworks: JPA, Spring Boot, Spring MVC, Slf4J, Spring Batch, Spring JPA, Spring AOP, Hibernate, EJB, Swagger, Open Api, Lombok

- Tests Frameworks: JUnit, Mockito, WireMock

- Database: PostgreSQL, Oracle, MySQL

- Cloud: AWS IAM, AWS EC2, AWS S3, AWS EKS, AWS Cloud Watch, AWS Batch

- IDE: IntelliJ, Eclipse, SQL Developer, Atom

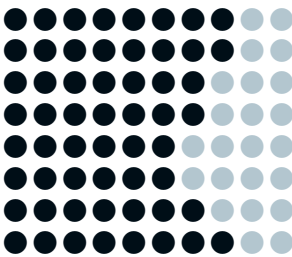
- Build Tools: Maven, GitLab, Jenkins

- Monitoring: Elastic Search, Logstash, Kibana

- Repositories: SVN, Git, Nexus

PROFESSIONAL SKILLS

JAVA
SQL
System Design
Data Structures
Algorithms
Multi-threading
Shell Scripting
Linux



SOFTSKILLS

- Problem Solving, Perseverance, Agile, Scrum, Team Work, Multi Tasking, Work under pressure

EDUCATION

B.E. in Computer Science and Engineering

Birla Institute of Technology, Mesra

August 2009 – June 2013

Ranchi, Jharkhand