

RAJDEEP ACHARYA

Senior Software Engineer

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PROFESSIONAL SUMMARY

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

EXPERIENCE

Senior Software Engineer

Nagravision India Pvt. Ltd

July 2019 – Present Bangalore, India

- Developing cloud-based microservices using Java 8 and Spring Boot.
- Collaborating with technical architects to create high-level design and low-level design using UML diagrams.
- Mentoring junior members in the team.
- Writing docker based containerized integration tests and unit tests. Maintaining the code coverage above 65%.
- Actively doing pair-programming for code reviews and technical challenges.

Software Engineer

Nagravision India Pvt. Ltd

October 2014 – June 2019 Bangalore, India

- Designing and coding webservices, domain and database components using service-oriented architecture.
- Working by Agile Scrum framework. Responsibilities include interaction with business team in story grooming, estimations, defining acceptance criteria, definition of done.
- Bug-fixing and tracking issues using JIRA, version control in GitLab.

Programmer Analyst

Cognizant Technologies Solutions

July 2013 – October 2014 Coimbatore, India

- Developing, maintaining software using Java 6 and MySQL.
- Tracking issues via HP ALM.

PROJECTS

Project 1 - Business Enabling Interface

Nagravision India Pvt. Ltd

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 microservices 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, used 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, AWS Batch, AWS EC2, Docker, PostgreSQL

Project 2 - Skidata Sales Platform

Nagravision India Pvt. Ltd

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 datasources, 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

Nagravision India Pvt. Ltd

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. Additional feature is a unified interface for payment service providers supported by a sub-component SDPay.
- Tech used : Java/J2EE, EJB 3.0, Oracle, Wildfly, REST and SOAP web-services, Maven

STRENGTHS

- Development: Java 8, Object Oriented Design, API, Microservices, JMS, RabbitMQ, REST API, SOAP, SQL, Docker, Shell Script, AWS Batch, AWS EC2

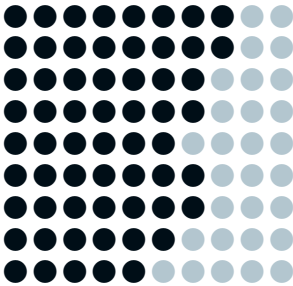
- Frameworks: JPA, Spring Boot, Spring MVC, Spring Batch, Spring JPA, Spring AOP, EJB, Hibernate, Swagger, Open Api, Lombok, Slf4J
- Unit Tests: JUnit, Mockito, WireMock, Hamcrest

- Database: PostgreSQL, Oracle, MySQL

- 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
AWS



SOFTSKILLS

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

EDUCATION

B.E. in Computer Science and Engineering

Birla Institute of Technology, Mesra

August 2009 – June 2013 Ranchi, Jharkhand