

GAURAV RAI MAZRA

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A technology enthusiast and conscientious programmer with around 7 years of experience in multi-disciplinary domains such as HR, Education, Finance (Asset management) and Insurance. Adept in end to end project management which includes requirement analysis, technical design, coding, unit testing, continuous integration, deployment (Cloud and on-premise) and support.

- Expertise in developing systems based on Restful web-services, Microservices, Event driven and Monolith architecture with consideration on scalability, availability, testability, maintainability and deployability.
- Implemented and comprehensively used Core Java design patterns (GoF), Integration design patterns, SOLID & OOAD principles, test-driven development (TDD).
- Practical knowledge in relational and non-relational database development; writing complex SQL queries, functions, constraints, indexes and partitioning.
- Adroit in organizational, analytical and team mentoring skills with keen interest in emerging technologies like Data science and Big data.

SKILLS

Languages: Java (1.6, 1.7, 8, 11), Javascript, HTML and Python.

Frameworks: Spring Framework (Spring Boot, Spring Cloud, Spring Data, Spring Security, Spring Integration), Apache Struts, Apache Velocity, Apache Ignite, Apache AVRO, Angular 4/ 7.

Design patterns and Methodologies: GoF and Integration design patterns, SOLID, Agile, OOAD.

Messaging: Apache ActiveMQ.

TDD and Continuous Integration: JUnit, Mockito, JMH, Jenkins CI, SonarQube, Maven, Artifactory.

Big Data and Cloud: Elasticsearch, Redis, Apache Kafka, AWS.

Monitoring tools and Frameworks: Netdata, OpenZipkin, Spring cloud sleuth.

Databases: Postgres, MS SQL Server, MySQL.

Others: Logstash, Kibana, Filebeat, Swagger, Liquibase, Bootstrap, Logback, Gradle, Postman, Hashicorp Consul, Feign, Ribbon, Hystrix, Apache Tomcat, Undertow, Perforce, Mercurial, Git, Confluence, Jira.

EXPERIENCE

APRIL 2018 – TILL NOW

SENIOR SOFTWARE DEVELOPER, CATALYSTONE INFO SOLUTIONS PRIVATE LTD.

- Implemented Security monitoring & intrusion detection and Log aggregation system which helped Operation teams for pro-active monitoring of application issues and breaches.
- Assisting multiple teams in adopting test-driven development and Restful API driven architecture in CatalystOne HCM product suite.
- Reviewed application architecture of CatalystOne Cloud management and proposed solutions which enabled better responsiveness of UI and less usage of computation power on server.
- Evaluation of technology stack for modernizing CatalystOne HCM product suite.

JANUARY 2018 – FEB 2018

SENIOR SOFTWARE ENGINEER, ALECTO GMBH (FRIENDSURANCE.COM)

- Coding various components like services, repositories, dto, business objects, façade, rest services.

- Improved code quality & coverage by writing automated unit test cases.

SEPTEMBER 2015 – DECEMBER 2017

SENIOR ASSOCIATE PLATFORM L1, SAPIENT CONSULTING PRIVATE LIMITED

- Preparing detailed functional and technical specifications from requirements.
- Work with Business Analysts to understand end-user requirements, formulate use-cases and then translate that into pragmatic and effective solutions.
- Design and create services and system architecture for projects & provide feedback to other team members.
- Identify and communicate technical problems, processes and solutions.
- Help improve code quality by writing Unit tests (TDD), automation and performing code reviews.
- Build and deploy services on AWS cloud.

OCTOBER 2014 – SEPTEMBER 2015

SENIOR SOFTWARE DEVELOPER, TK20 INDIA PRIVATE LIMITED

- Worked on implementing new UI and refactored backend.
- Fixed existing bugs in the application.

JANUARY 2013 – OCTOBER 2014

JAVA DEVELOPER, CATALYSTONE INFO SOLUTIONS PRIVATE LIMITED

- Gathering the business requirements and converting them into effective solutions.
- Engineered product modules (New and Old) from scratch considering flexible architecture and smooth integration of new functionalities with existing modules.
- Improving performance and code quality by continuous refactoring of existing code and performing daily code reviews.
- Started knowledge sharing sessions on latest technology trends and helping team adopt agile.
- Wrote various generic plugins and widgets to reduce code duplication.

JUNE 2012 – JANUARY 2013

SYSTEM ENGINEER, FRNDISTAN PRIVATE LIMITED

- Designing, analysis, database development, coding and testing for the modules assigned.
- Handling issues related to software design, code and bug fixing.

EDUCATION

MASTER OF SCIENCE (COMPUTER SCIENCE), GURU NANAK DEV UNIVERSITY

MAY 2012

Canadian equivalency: Bachelor's degree (four years)

POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS, PANJAB UNIVERSITY

MAY 2010

Canadian equivalency: Bachelor's degree (four years)

CERTIFICATIONS

Becoming Data Engineer – LinkedIn

Angular Essential Training – LinkedIn

Angular Routing – LinkedIn

Docker for Java Developers – LinkedIn

Designing RestFul APIs – LinkedIn

Microservices foundations – LinkedIn

Data Analysis with Python – CognitiveClass.ai

Learning Hadoop – LinkedIn