

Rohit Patel

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Summary

- Experienced professional developer with 3+ year of experience in software product development and efficient delivery as per industrial standards.
- Currently working as Back-End Java Developer and have experience in Investment banking and financial domain.
- Good Understanding of Data Structure & Algorithm with Strong Development Experience in Java.
- Hands-on experience in Java, Multithreading, Spring, Spring Boot, Microservices and MySQL

Work Experience (3 Years 4 months)

- Synechron** Bangalore, India
Full-time, 3 Years 4 months
 - Senior Associate Technology**
April 2020 - Now
 - Associate Technology**
Sept. 2018 - March 2020

Education

- Indian Institute of Technology, Dhanbad** Dhanbad, Jharkhand
M.Tech in Computer Science & Engineering; GPA: 7.99
May. 2018
- Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal** Bhopal, Madhya Pradesh
B.E in Computer Science & Engineering; GPA: 6.99
June. 2015

Projects

- Modern Platform - Mutual Fund - Order State Manager (OSM)** Bangalore, India
Client: Morgan Stanley
Sept. 2018 - Dec. 2019
 - I am Responsible for enhancing Mutual Fund frameworks and automating the process to persist a Mutual Fund order. I am part of Wealth Management Development team which focuses on such type of enhancements and automation. I worked on core development end-to-end which include understanding of business requirements and code accordingly using best design practice, Data Structures & Algorithms and covering all unit test cases.
 - Technology information:**
Core Java, Data Structure, Algorithms, Multi-Threading, OOP, JUnit, GIT, JIRA, Design Patterns, Spring Core, REST, Apache Camel.
- Modern Platform - Equity Advisory (L4) - Order State Manager (OSM)** Bangalore, India
Client: Morgan Stanley
Jan. 2020 - Oct. 2021
 - I am part of Equity Advisory squad for developing OSM framework to process and persist Equity Orders. Our main focus is to develop complete application from scratch involving business requirement and infrastructure.
 - I did multiple POC (Proof of Concept) for performance improvement and performance tuning.
 - Technology information:**
Core Java, Data Structure, Algorithms, Multi-Threading, OOP, JUnit, GIT, JIRA, Design Patterns, Spring Boot, REST, Apache Camel.
- Modern Platform - OPM REST Bot** Bangalore, India
Client: Morgan Stanley
March. 2021 - Now
 - OPM REST is a middleware Service which provide data to Consumer.
 - Multiple services are exposed to fulfill search functionality and provide data to consumer.
 - Technology information:**
Core Java, Data Structure, Algorithms, Design Patterns, Spring Boot, RESTful, Apache Camel, JUnit, JOOQ framework .
- Modern Platform - On-Demand Systems** Bangalore, India
Client: Morgan Stanley
Oct. 2021 - Now
 - On-Demand System is a reporting applications
 - This application is responsible for generating EOD and SOD reports.
 - Technology information:**
Core Java, JDBC, Data Structure, Algorithms, Design Patterns, Spring Boot, Apache Camel, JUnit.

Technical Skills

- **Programming Languages:** Java, Python
- **Key Concepts:** Data Structure & Algorithm, OOPs, Multi-Threading, Collections, DBMS, Design Patterns, MicroServices
- **Frameworks:** Spring Core, Spring Boot, REST, Apache Camel, JUnit, Smooks, JBehave, Splunk, Zookeeper, JMS, Kafka, Mockito
- **Tools:** Eclipse, IntelliJ, Git, Bitbucket, Putty, JMeter, JIRA
- **Database:** MySQL, NoSQL, JooQ
- **Markup Languages:** XML
- **Development Methodology:** Agile

Academic Projects

- **Achieving Application Level Fairness Using Bayesian Classifier** Dept. of CSE
▪ **Guide:** Dr. Sachin Tripathi, Associate Professor, IIT Dhanbad IIT Dhanbad
 - We suggest Bayesian classifier based solution to maintain fairness among applications running on a sensor node.
 - This project is partially funded by DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA
 - A research paper is presented on this project which is under review.
 - **Technology Information:** Core Java, Qual-net 7.4 network simulator


Area of Interest

- Data Structure & Algorithms
- Machine Learning

Position of Responsibility

- **Graduate Teaching Assistant(TA)** Dept. of CSE
at IIT Dhanbad July. 2016 - May. 2018
- **Project Assistant** Dept. of CSE
at IIT Dhanbad Dec. 2017 - May. 2018
 - Worked as Project Assistant on Government funded project.
 - Funded by Department of Science & Technology, Govt. of India

Additional

- **GATE **
 - Qualify GATE Exam in year 2015 and 2016
- Participated in the 4th IEEE International Conference on Recent Advances in Information Technology (RAIT) held during March 15-17, 2018, Organized By Department of Computer Science & Engineering, IIT Dhanbad
- Member of CSE Society, Department of Computer Science & Engineering, IIT Dhanbad