

**NEHA LOHIA**

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## Summary

- Lead with more than 11 years of experience in application designing and code implementations.
- Expertise in designing and implementing microservices based distributed applications using Spring boot and Java8.
- Extensive work experience on high performance, higher traffic based transactional systems to stabilize them for performance and better system utilization.
- Experience in REST API designing, modelling and implementation.
- Years of experience working with product-based companies in India in Recruitment/Fintech space.
- Knowledge of common designs patterns and principles and experience using them for better design.
- Good exposure to POC for new open-source libraries and then implementation of them.
- Demonstrated mastery in evaluating requirements from business and integrating third party services to the application.
- Good exposure on design and develop high-volume, low-latency applications for mission-critical systems, delivering high-availability and performance.

## Skills and Abilities

- Microservices Lead/REST API designing for scale.
- Production migration from monolith/SOA to microservices architecture.
- Distributed system design and architecture using design principles.
- Agile Development (Sprints), DFD designing, SOLID Principle, Code review, Code Analysis.
- Java Spring Boot /Spring Cloud based development from scratch.
- Team management and team leadership
- Performance Engineering & scale up and scale out Systems for high traffic ingestion.

## WORK EXPERIENCE

**Paytm payment bank, Noida, India**

**Technical Lead, Jan-2020- Present**

- Experience on PAYTM's large scale wallet module with end to end ownership.
- Experience of end to end add money module including the convenience service,

notification service , wallet limit service.

- Exposure to RBI Compliance guidelines project to handle all the compliance activity to meet RBI guidelines.
- Worked on National mobility Card (NCMC) offline project using scheduler.
- Worked in order management service using java8 , spring boot , MySql , Kafka.
- Experience in wallet maintenance charges deduction to meet the business requirements.
- Involved in Overall System performance measurement, finding bottlenecks and redesigning for scale.
- Responsible for code analysis, system design, impediment resolution, RCA and impact analysis for P1/P2 issues and technical estimates for sprint stories.
- Team mentoring

### **InfoEdge, Noida, India**

#### **Lead Engineer, Dec-2017- Jan'2020**

- Lead the development on microservices and rest Api's , Owned the JobSeeker's profile management system for different platforms like web , web apps.
- End to end ownership of migration of jobseeker monolithic PHP system into JAVA microservices.
- Worked on Central caching system by exposing lookup service which is a generic contract to serve all the integrating parties successively.
- Historical Data injection in aerospike cache using the maxwell daemon over Mysql bin logs files.

### **Infosys, Chandigarh, India**

#### **Senior Software Engineer, Jan'16- Dec 2017**

- End to end project activities including requirements gathering directly from clients then planning, designing scripts, coding and creating test data, executing test cases, reporting observations.
- **Helps the Client (US client-CITIBank) to understand the designed User interface by providing proper documentation and user guide.** This user guide contains the flow of knowledge about the product.
- Exposure to financial banking applications, where the qualifying questionnaires' are prepared on the basis of the user's financial budget and submitted and after the approval of these questionnaires' funds are assigned to the investors.
- Documentation and Developed the new enhancements in the system after taking the direct input from the Client.
- Developed the new batch job interacted with Database in TALEND ETL tool.

### **Amdocs, Gurgaon, India**

#### **Software Engineer, Jul'13 – Dec'15**

- Worked on the telecom domain and in multiple projects which are responsible for collecting consumption data, calculating charging and billing information, producing bills to customers, processing their payments and managing debt collection.
- Requirement analysis and creation of functional specifications.
- Coding and implementation of the workflow after designing and analyzing the requirement documents.
- Checking and fixing of the UT, IUT, ST, UAT, PROD bugs and the assigned tickets.
- Development of the application architecture in the java and XPI (Amdocs specific tool).
- Prepared the JUnits, Mockito and integration tests as well.

### **Roles and Responsibilities:**

- Preparing Software Architectures and providing Product solutions using Java8 , Spring boot ,Spring, Hibernate , MySql, UNIX.
- IT experience in development, testing and engineering services.
- Member in Amdocs's billing group, with full ownership of end-to-end proposal for Customer requirement, including designing, implementation and technical solution descriptions.
- Upgrade and expansion of the existing functionality to enhance the software features.
- Expertise in working on Software dimensioning and planning tools involving Amdocs Integrated development environment, perforce.
- Successful design of Core solution in winning bids for the following Customers: Telkomsel, Vodafone India and Astro
- Extensive Working knowledge in IDE, Quality Center and other developing and testing tools.
- Good knowledge in Software Development Life Cycle.
- Good at bottleneck identification, End-to-End Root cause Analysis on performance bottlenecks.
- Strong programming skills, logical and analytical abilities, and provided Technical guidance to the team.

### **Project Description**

#### **ASTRO, TKS, TRUE and USCC – July2013-Dec 2015 AMDOCS**

- All are the telecom projects which are responsible for collecting consumption data, calculating charging and billing information, producing bills to customers, processing their payments and managing debt collection.
- Requirement analysis and creation of functional specifications.
- Coding and implementation of the workflow after designing and analyzing the requirement documents.
- Checking and fixing of the UT, IUT, ST, UAT, PROD bugs and the assigned tickets.
- Development of the application architecture in the java and XPI (Amdocs specific tool).

**Java, MySQL, UNIX and various tools were used.**

**Volker and WEBQQ (CITI Bank) - Jan2016- Present INFOSYS**

- These are the financial banking applications, here the qualifying questionnaires' are prepared on the basis of the user's financial budget and submitted and after the approval of these questionnaires' funds are assigned to the investors.
- Implement the changes or new things to be added to the application.
- Developed the new enhancements in the system after taking the direct input from the Client.
- Guided the fellow new team members on the basis of technicalities associated for coding.
- Developed the new batch job interacted with Database in TALEND ETL tool.

**Handled production defect in Canada (On site) for USCC (United State Cellular Corporation) project.**

**Handled production defect in Malaysia (On site) for Astro project.**

**Education**

**Kurukshetra University Kurukshetra, India**

**Master of Computer Science and Application (MCA) Aug'09 – Jun'12**

**Technical Expertise**

- **Tools** – GIT, Jenkins , ELK , Quality Center (quality maintenance), AQP (for testing), Xtra-C, Perforce, Jenkins and TOAD, SQL Developer, sqlyog, STS.
- **Languages/API/Others:** Java8 , RestApi , Microservices , Kafka , Aerospike , Docker, Prometheus , Grafana
- **Frameworks** : Spring , Spring Boot, Hibernate , MyBatis/IBatis
- **DB Servers:** MySQL, Oracle , DB2
- **Utilities** : Putty, WinScp, TOAD, FileZilla, AQP,QC,SSH Techia Client

**PERSONAL DETAILS**

- Nationality : Indian
- Languages Proficiency : English, Hindi