

# Pranaya Kumar Sahu – Technical Lead

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Current Location: Bangalore

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Role Designation and Job Level: Technical lead

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Java developer with **10 years of industry exp.** Experience in developing java-based application/microservice using spring, spring boot, spring integration, GRPC etc.

## **Summary**

- Detailed experience in analysis, design, development of microservice using spring boot and Spring integration framework.
- Developed APIs with GRPC framework.
- Detailed experience in high level design document creation.
- Rich experience in Airline domain.
- Experience in working with geographically distributed teams.
- Performed identifying and fixing bugs, analyzing root cause and proposing the suitable solution for the issues reported.
- Worked agile environment.
- Performed Coding, Unit testing and Integration testing for minor and major enhancements.
- Build Automating repetitive and manual tasks for optimizing business processes.
- Build batch jobs using Sprint to automate manual tasks.

## **Total Work Experience: 5 years**

Company: Mindtree Ltd.

Period: Nov 2016 to Present

## **Projects**

**Project Title: Sabre MFOL – Seats update**

**Client: Sabre**

**Duration: From Nov, 2020 to Till date**

### **Description:**

Sabre is one of the leading GDS in world. It enables travel agent and companies around the world to search, book and ticket travel services provided by airlines, hotels, car rental companies, rail providers and tour operators. In MFOL (Mainframe offload) project legacy mainframe system is implemented in microservice using modern technology. As part of MFOL seats update project we are implementing microservices to handle various seat service (Book, cancel, confirm, validate etc.).

**Tool and Technologies used:** Spring boot, Spring Integration, GRPC, Jenkin, GCP, IntelliJ, BloomRPC.

### ***Role and Responsibilities:***

- ✓ Develop microservices using spring boot.
- ✓ Integrate external service calls with Spring integration.
- ✓ Coordinating with team with implementation and fix technical problems.
- ✓ Coordinating with client for demo and review.

**Project Title: Horizon Weight and Balance**

**Client: SITA**

**Duration: From Nov, 2016 to Nov, 2020**

**Description:**

This project involves enhancement and maintenance of application under SITA. This application gives various subscribers a modern well functional and easy to manage system where an aircraft will be loaded with various dead load along with passengers and system will balance a flight either manually or automatically. Once a flight is balanced load sheet will be generated, it contains all the deadload details with their position and weight distribution for pilot and ground crew.

**Technologies used:** Spring core, Spring MVC framework, Hibernate, WebLogic, Oracle Coherence, MDS, OSB, Maven, XML, Eclipse, PUTTY, SVN.

*Role and Responsibilities:*

- ✓ Development, Unit Testing, Code review.
- ✓ Tag and Build using Maven build.
- ✓ Platform stability enhancements.
- ✓ Analyzing root cause and finding suitable solution for the issues reported.
- ✓ Automating repetitive and manual tasks for optimizing business processes.
- ✓ Creation Low level design documents, Impact analysis document, Release Checklist document etc.
- ✓ Coordinated with geographically distributed teams.

**Total Work Experience: 5 years**

Company: Infosys Limited

Period: Sep 2011 to Nov 2016

**Projects**

**Project Title: DOW JONES – Customer Experience Support**

**Client: DOW JONES**

**Duration: From Jan, 2012 to Nov 2016**

**Description:** This project involves enhancement and maintenance of applications under Dow Jones Customer experience platform. The platform consists of Self-service, Abstraction layer, Shadow layer and customer service desktop application known as Print web. It is developed using Java based technologies.

**Technologies used:** Spring core, Spring MVC, Hibernate, HTML, XML, Eclipse, JBoss 5, Tomcat 7, PUTTY, SVN

*Role and Responsibilities:*

- ✓ Code development, Unit Testing and Code Review.

- ✓ Tag and Build using Lunt build.
- ✓ Platform stability enhancements.
- ✓ Analyzing root cause and finding suitable solution for the issues reported.
- ✓ Automating repetitive and manual tasks for optimizing business processes.

**Project Title: Northeast Utilities (As a manual tester)**

**Client: Northeast Utilities**

**Duration: From Aug, 2011 to Dec 2011**

**Description:** Northeast Utility portal has a numerous feature to support customer to effective utilization of energy i.e gas and electricity. Its online application portal needs constant testing for better customer experience.

**Technologies used:** HP Quality center

*Role and Responsibilities:*

- ✓ Unit Testing and Integration testing based on business transaction scenarios
- ✓ Creation documents for test results.
- ✓ Actively participated in Test Execution Process and Bug Life Cycle.
- ✓ Detected bugs & classified them based on severity, priority.
- ✓ Regression testing after bug fixes and verified that the fixes didn't create problems elsewhere.