

Location: Pune,  
India

# PINAKI SAMAL

Male, Indian, 10<sup>th</sup> Jun 1995  
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## Objective

- Accomplished Software Engineer with 5 years of specialized experience in backend development (Spring Boot), frontend solutions (Angular), and scalable microservices architecture. Expert in translating complex business requirements into innovative, efficient, and production-ready applications. Proven ability to lead cross-functional teams, optimize system performance, and deliver mission-critical solutions under tight deadlines. Eager to bring my technical leadership, strategic thinking, and passion for excellence to a high-impact engineering role.

## Profile Summary

- Experienced Senior Software Engineer and Technical Lead with 5 years of strong expertise in Java, Spring Boot, Microservices and Angular. Proven track record in leading multiple projects and on time delivery of Projects.
- Extensive hands-on experience with Oracle AND MySQL Databases.
- Well Versed with Agile development practices and Implementation.
- Proven ability to deliver projects within deadlines, work collaboratively in cross-functional teams, and adapt quickly to new challenges. Seeking to contribute technical skills and leadership abilities in a dynamic organization.

## Technical Skills

Category	Technologies
Programming Languages	Java, Typescript, SQL
Database	MySQL, Oracle
Front-End Technologies	HTML, CSS
Framework	Spring Boot, Angular
Application Architecture	Monolithic, Microservices
Tools	Eclipse/Spring Tool Suit, Workbench, SQL Developer, Postman, Swagger
Repository	SVN, GitLab, Bit Bucket
Deployment and Pipelines	Jenkins, Docker
Servers	AWS, On Premises
Operating Systems	Windows, Linux

## Experience

### **HIND INDUSTEC PRIVATE LIMITED**

**[NOV 2023 – Present]**

*Senior Software Engineer*

#### **Project #1: Manufacturing Execution System (FLUENTA) [NOV 2023 – Present]**

**Role: Senior Software Engineer  
and Lead**

- Collaborated with stakeholders to gather initial requirements and created High-Level Design (HLD) documents along with responsive web page designs for the product using Angular.
- Led multiple critical modules of the product including Masters, Security, Sales, TDC, Scheduling, Production, Quality, and Logistics, Report, Dashboard ensuring timely and quality delivery.
- Designed and implemented a Microservices Architecture using Spring Boot, Spring Security, API Gateway, and Discovery Service (Eureka Server) to enhance modularity, scalability, and security.
- Built and managed CI/CD pipelines using Jenkins for seamless deployment of microservices to the client's on-premises server.
- Migrated version control from SVN to Bitbucket, improving code collaboration, branching strategy, and repository management.
- Regularly engaged in detailed discussions with Business Analysts and clients for module-specific page designs, gathering functional and technical requirements to ensure alignment with business goals.
- Translated complex business logic into technically feasible algorithms; integrated with L2 systems (PLC/SCADA) and L3 systems (SAP) using REST APIs to automate the entire workflow from production to logistics.
- Modernized the application architecture by converting multiple SQL Stored Procedures into Java-based Schedulers, resulting in improved system scalability, maintainability, and performance optimization through multithreading and asynchronous processing.

#### **Project #2: YIELD IMPROVEMENT PROGRAM (YIP) [JAN 2025– Present]**

**Role: Senior Software Engineer  
and Lead**

- Currently working on the Transaction Module, designing advanced algorithms and implementing dynamic rule engines to validate manufacturing data and provide clients with intelligent suggestions aimed at optimizing yield and improving overall production efficiency.
- Collaborated with stakeholders to gather initial requirements and created High-Level Design (HLD) documents along with responsive web page designs for the project using Angular.
- Leading modules of the project including Masters, Security, Sales, Reports and Transaction ensuring timely and quality delivery.
- Designed and implemented a Microservices Architecture using Spring Boot, Spring Security, API Gateway, and Discovery Service (Eureka Server) to enhance modularity, scalability, and security.
- Built and managed CI/CD pipelines using Jenkins for seamless deployment of microservices to the client's on-premises server.

**NEWFOUND INFO TECH PRIVATE LIMITED**     **[Jul 2020 – OCT 2023]**  
*Software Engineer*

**Project #1: E-Commerce Order Management System [JUL 2020 – OCT 2023]**  
**Role: Java Backend Developer**

- Experience in Order management System and Loyalty Data migration system on an ecommerce Platform to support business developed by Kroger, USA.
- Worked with Order Management Team to develop applications using Spring Boot.
- Working with Loyalty team for customer data migration from source to several destinations.
- Participated in Root Cause Analysis of application performance and bugs to identify potential bottlenecks, develop solutions.

### Professional Accomplishments

- Awarded as the Best Team Player for efficiently handling all the challenges in terms of requirement analysis, technical complexity and strict deadlines.

### Education

- Bachelor of Technology (B.Tech)  
Biju Patnaik University of Technology (BPUT) | 2016
- Class XII (Higher Secondary)  
Council of Higher Secondary Education (CHSE), Odisha | 2012
- Class X (Matriculation)  
Board of Secondary Education (BSE), Odisha | 2010

### Declaration

I hereby declare that the details furnished above are true, complete and correct to the best of my knowledge.

Date:

Place: Pune

Pinaki Samal