

# NEEL JOSHI

Full Stack Java Developer | Spring Boot · Microservices · Angular · SaaS ERP

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## PROFESSIONAL SUMMARY

Full Stack Java Developer experienced in building and maintaining a SaaS-based microservices ERP platform for manufacturing operations. Strong in Spring Boot REST API development, CRM module engineering, and reusable backend architecture (shared common libraries) used across multiple ERP services. Skilled in Angular integration, securing services with Spring Security, Keycloak, JWT and OAuth2, and working with MySQL and Hibernate/JPA. Focused on debugging complex API and database issues and writing clean, stable, maintainable code for scalable enterprise software.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, SQL, HTML5, CSS3

**Backend:** Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate, REST APIs, Microservices, API Gateway, Eureka / Service Discovery, JasperReports (Jaspersoft)

**Frontend & Security:** Angular, Bootstrap, Responsive UI • Keycloak, JWT, OAuth2, Role-Based Access Control (RBAC)

**Database:** MySQL, JPA / Hibernate, Liquibase, Schema Design & Migration, Query Optimization

**Architecture & SaaS:** SaaS ERP, Microservices-Based SaaS, Modular / Reusable Architecture, Multi-Tenant Concepts, OOP, Design Patterns, MVC

**Tools, Cloud & Practices:** Git, GitHub, Postman, Docker, Linux, Maven, AWS • API Testing, Debugging & Bug Fixing, Integration Troubleshooting, Code Optimization

## PROFESSIONAL EXPERIENCE

### Full Stack Java Developer — Nyaalkaran Tech Private Limited

Mar 2026 – Present

SaaS-based microservices ERP platform for manufacturing operations (nyaal.cloud)

- Develop and maintain Spring Boot microservices powering modules of a SaaS-based manufacturing ERP built on a scalable, modular microservices architecture.
- Design and build secure REST APIs for CRM and ERP business workflows with consistent validation, pagination, sorting, and error-handling standards.
- Engineer the CRM module end to end — Lead, Account, Contact, Opportunity, Quotation, and Booking Order flows, plus attachments, activity tracking, and customer-communication (email) features.
- Build reusable common-library components (pagination, sorting, filtering/search, validation, DTOs, shared base/entity classes, utilities) adopted across multiple ERP services to standardize the backend and cut duplication.
- Implement security with Spring Security, Keycloak, JWT/OAuth2 and role-based access control, and integrate backend APIs with Angular frontend modules.
- Work with MySQL, Hibernate/JPA and Liquibase for schema changes and migrations; debug backend/frontend defects, analyze API and database errors, test APIs with Postman, and refactor code for stable, maintainable modules.

## PROJECTS

### Nyaalkaran ERP — SaaS-Based Microservices Manufacturing ERP

- Scalable, modular SaaS ERP platform of independent Spring Boot microservices behind an API Gateway with Eureka service discovery and Keycloak-secured, role-based access.
- Contributed backend services, shared architecture, and Angular-integrated modules supporting manufacturing business processes across the platform.

**Tech:** Spring Boot, Microservices, API Gateway, Eureka, Keycloak, Angular, MySQL, Docker, AWS

### CRM Module — Sales & Customer Management Suite

- Built CRM capabilities for lead, account/contact, opportunity, quotation, and booking-order workflows, with attachment handling, activity tracking, and customer-communication flows.
- Delivered advanced list APIs with reusable pagination, sorting, and filtering/search, plus PDF/report generation for quotations using JasperReports.

**Tech:** Spring Boot, Spring Data JPA, REST APIs, Spring Security, MySQL, Angular, JasperReports

### Reusable ERP Common Library — Backend Standardization

- Designed shared, reusable components — pagination, sorting, search/filter, validation, DTOs, base/shared entities, and utilities — consumed by multiple ERP services.
- Standardized cross-service backend patterns to improve consistency, speed up delivery, and reduce duplicated code.

**Tech:** Java, Spring Boot, Spring Data JPA, Maven

## EDUCATION

**Master of Computer Applications (MCA)** — Gujarat Vidyapith, Ahmedabad

2024 – 2026 | CGPA 6.24

**Bachelor of Computer Applications (BCA)** — BDKM BCA College, Palanpur

2021 – 2024 | CGPA 7.44