

**Milind P.**

**Associate Software Engineer**



Holding a Bachelor's Degree in Computer Science Engineering with 1+ year of experience as a Java Developer. Have a strong understanding of the software development life cycle and the ability to work effectively in a collaborative team environment.

## TECHNICAL SKILLS

Java	Angular	Spring Boot	PostgreSQL
Hibernate	HTML	CSS	Bootstrap
JDBC	JSP/Servlet	JUnit5/Mockito	HL7
FHIR	HAPI		

## PROJECT EXPERIENCE

### 1. PARACARE : Device Integration With EHR

**Role:** Java Developer

**Environment:** Java, Spring Boot, Angular, WebSocket, HL7 v2/v3, FHIR (R4), JSON, XML, IntelliJ IDEA, Maven JUnit, Mockito.

**Description:**

Worked on an enterprise EHR system focused on healthcare data interoperability and clinical information workflows. Responsibilities included processing HL7/FHIR messages and integrating medical device data via LMDI/BMDI. Developed real-time communication features using WebSockets for streaming vitals and alerts. Currently contributing to a POC (Proof of Concept) to enhance EHR capabilities

**Responsibilities:**

- Designed and configured real-time communication layers using WebSockets and REST APIs for seamless server–client data exchange.
- Developed Angular components and services to display real-time vitals, alerts, and device data with responsive UI updates.
- Managed connection lifecycle, session handling, and live data streaming between Spring Boot backend services and the Angular frontend.
- Parsed, validated, and transformed HL7/FHIR messages while integrating LMDI/BMDI device data into standardized EHR workflows
- Created and executed unit tests using JUnit and Mockito to ensure backend reliability and maintain code quality.
- Supported debugging, optimized service configurations, and contributed to interoperability features during the EHR POC.

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## 2. **PLANOVA : Task Management System**

**Role:** Java Developer

**Team Size:** 10

**Environment:** Spring Boot, Angular19, PostgreSQL, MVC

**Description:**

Developed "Planova" a task management system enabling admins to assign projects to team leads, who further distribute tasks to developers.

Implemented a task workflow system (To-do, In Progress, In Review, Completed) with real-time visibility for all assigned projects.

Added notifications and ticket-raising features, improving project tracking, transparency and collaboration across teams.

**Responsibilities:**

- Designed and implementing the Team Module, handling all team-related operation.
- Built the inquiry module to manage queries and communication between users and admin.
- Built RESTful APIs using Spring Boot for secure backend operations and PostgreSQL for data persistence.
- Developed interactive frontend UI in Angular 18 for smooth user experience.
- Developed the Dashboard module to display project and statistics.
- Bug Solving

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## EXTRA CURRICULAR ACTIVITIES

- Participated in Cultural Activities



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## KEY STRENGTHS

- Good observer and listener
- Fast learning capabilities
- Has the motivation to take independent responsibility as well as ability to contribute
- Teamwork

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## PERSONAL DETAILS

<b>Nationality</b>	:	Indian
<b>Marital Status</b>	:	Single
<b>Languages Known</b>	:	English and Hindi