

# OM PATIL (He/Him)

## Software Developer

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## PROFESSIONAL SUMMARY

**Software Developer** with hands-on experience building scalable backend applications using **Java, Spring Boot, SQL, REST APIs, Hibernate, and PostgreSQL**. Strong foundation in **Object-Oriented Programming (OOP)**, database design, API development, and Agile methodologies. Passionate about taking ownership of technical challenges to deliver production-ready software with clean architecture.

## EDUCATION

<b>BRACT's Vishwakarma Institute of Information Technology</b>	Pune, Maharashtra
Bachelor of Technology (B.Tech) in Information Technology   <b>CGPA: 8.19</b>	Aug 2023 – Jun 2026
<b>DBATU's Institute of Petrochemical Engineering</b>	Raigad, Maharashtra
Diploma in Information Technology   <b>CGPA: 9.13</b>	Jul 2020 – Jun 2023

## SKILLS SUMMARY

**Languages:** Java, SQL, Python, JavaScript, C, C++

**Frameworks, Libraries & Web:** Spring Framework, Spring Boot, Spring MVC, Hibernate, Spring Data JPA, Node.js, Express.js, React.js, Redux, Kafka, REST APIs, HTML5, CSS3, AJAX

**Databases:** PostgreSQL, MySQL, MongoDB, SQLite, H2

**Developer Tools & Platforms:** Git, GitHub, Maven, Docker, Postman, AWS, JIRA, IntelliJ IDEA, VS Code

**Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Object-Oriented Design (OOD), REST API Design, Microservices, System Design, Agile/Scrum

**AI Productivity:** GitHub Copilot, Cursor AI, Prompt Engineering, AI-Assisted Development

## WORK EXPERIENCE

<b>Full-Stack Web Development Intern   Unified Mentor Pvt. Ltd.</b>	Aug 2025 – Nov 2025
<ul style="list-style-type: none"><li>Developed full-stack web applications by designing REST APIs, integrating databases, and implementing responsive frontend interfaces.</li><li>Implemented business logic, CRUD operations, API integration, and database features for scalable web applications.</li><li>Developed reusable React.js components with Hooks and Redux for scalable, responsive user interfaces.</li><li>Independently completed multiple web development projects using Git/GitHub while following software engineering best practices.</li></ul>	

## PROJECTS

<b>ForenSight: Evidence Intelligence Platform</b>   Java, Spring, Spring AI, React.js, PostgreSQL, SHA-256	May 2026
<ul style="list-style-type: none"><li>Designed and developed a full-stack digital evidence intelligence platform using Java, Spring Boot, React.js, and PostgreSQL to support secure forensic investigations and evidence lifecycle management.</li><li>Engineered a modular evidence processing pipeline with parser-based artifact ingestion, event normalization, SHA-256 integrity verification, chain-of-custody tracking, and AI-assisted forensic reporting.</li></ul>	
<b>JPMorgan Chase &amp; Co. Software Engineering Job Simulation</b>   Java, Spring Boot, Kafka, H2	Sept 2025
<ul style="list-style-type: none"><li>Developed backend application components involving transaction processing, REST API development, data persistence, and event-driven messaging.</li><li>Implemented Spring Boot services, Kafka-based asynchronous communication, and H2 database integration to support reliable backend workflows.</li></ul>	
<b>Vitamin Deficiency Detection System</b>   Python, Flask, Scikit-Learn, React.js	Jan 2025
<ul style="list-style-type: none"><li>Developed a machine learning web application using Flask and Scikit-Learn to predict vitamin deficiencies from symptom-based user input.</li><li>Built a responsive React.js interface for real-time prediction, improving frontend performance and user experience.</li></ul>	
<b>Sales Person Territory Planner</b>   Java, Spring Boot, React.js, SQL	Jan 2023
<ul style="list-style-type: none"><li>Developed a Spring Boot backend with REST APIs and SQL for territory planning and sales management.</li><li>Optimized SQL queries to improve database performance and application response time.</li></ul>	

Explore more projects: [ompatil.qzz.io/projects](https://ompatil.qzz.io/projects)