

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

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

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

PROJECTS

ForenSight: Evidence Intelligence Platform Java, Spring, Spring AI, React.js, PostgreSQL, SHA-256	May 2026
<ul style="list-style-type: none">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.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.	
JPMorgan Chase & Co. Software Engineering Job Simulation Java, Spring Boot, Kafka, H2	Sept 2025
<ul style="list-style-type: none">Developed backend application components involving transaction processing, REST API development, data persistence, and event-driven messaging.Implemented Spring Boot services, Kafka-based asynchronous communication, and H2 database integration to support reliable backend workflows.	
Vitamin Deficiency Detection System Python, Flask, Scikit-Learn, React.js	Jan 2025
<ul style="list-style-type: none">Developed a machine learning web application using Flask and Scikit-Learn to predict vitamin deficiencies from symptom-based user input.Built a responsive React.js interface for real-time prediction, improving frontend performance and user experience.	
Sales Person Territory Planner Java, Spring Boot, React.js, SQL	Jan 2023
<ul style="list-style-type: none">Developed a Spring Boot backend with REST APIs and SQL for territory planning and sales management.Optimized SQL queries to improve database performance and application response time.	

Explore more projects: ompatil.qzz.io/projects