

OM PATIL (He/Him)

Software Developer

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PROFESSIONAL SUMMARY

Software Developer specializing in building scalable backend architectures and delivering robust, full-stack applications. Primary expertise: **Java** and **Spring Boot**, complemented by Python, Node.js, and Express.js. Driven by a disciplined approach (**OOD, Agile**) to transform complex engineering challenges into production-ready solutions.

EDUCATION

BRACT's Vishwakarma Institute of Information Technology	Pune, India
Bachelor of Technology (B. Tech) in Information Technology Expected June 2026	Aug 23 – Present
DBATU's Institute of Petrochemical Engineering	Lonere, Raigad
Diploma in Information Technology GPA: 9.13	Jul 20 – Jun 23

SKILLS SUMMARY

Languages: Java, SQL, Python, JavaScript, C, C++, HTML5, CSS3
Frameworks & Libraries: Spring, Spring Boot, Spring MVC, Hibernate, JPA, Kafka, Redux, AJAX, Node.js, React.js
Databases: PostgreSQL, MongoDB, MySQL, SQLite, H2
Developer Tools & Platforms: Git, Postman, Docker, Amazon Web Services (AWS), JIRA, IntelliJ IDEA, VS Code
Core Concepts: DSA, Object-Oriented Design (OOD), Microservices, API Design, RESTful APIs, System Design, Agile/Scrum

WORK EXPERIENCE

Full stack Web Development Intern Unified Mentor Pvt. Ltd.	Aug 25 – Nov 25
<ul style="list-style-type: none">Collaborated with cross-functional teams using Git/GitHub for version control, ensuring code integrity and streamlined deployment.Engineered responsive UI components with React.js and Hooks for state and lifecycle management.Implemented Redux for centralized state management and predictable data flow.Architected the back-end by designing and implementing RESTful APIs with Node.js and Express.js, enabling seamless data communication between the front-end and the MongoDB database.	

PROJECTS

JPMorgan Chase & Co. SWE Job Simulation Tech: Java, Spring Boot, Kafka Certificate	Sept 25
<ul style="list-style-type: none">Completed a practical simulation mirroring real-world backend architecture tasks for a financial system.Implemented Kafka for message processing and integrated an H2 Database for data persistence.Developed REST API endpoints using Spring Boot and implemented integration with external web services.	
Vitamin Deficiency Detection System Tech: Python, Flask, Scikit-Learn, React.js	Jan 25
<ul style="list-style-type: none">Engineered a machine learning model achieving 85% accuracy in identifying vitamin deficiencies from symptomatic data.Enhanced user engagement by developing a highly responsive React.js interface, which improved frontend loading times by 40%.	
Sales Person Territory Planner Tech: Java, Spring Boot, ReactJS, SQL	Jan 23
<ul style="list-style-type: none">Architected a scalable backend using Java & Spring Boot to deliver RESTful APIs for data-driven planning.Resolved data bottlenecks by optimizing the SQL database, cutting critical query times by 50%.	

AWARDS & CONFERENCE PRESENTATIONS

International Conference Presentation: Presented "Vitamin Deficiency Detection using Machine Learning" at the World Conference on Science Engineering and Technology (WCSET), Pune (May 2025).

CERTIFICATIONS & KEY COURSEWORK

Certifications: Data Structures and Algorithms (Java) | Computational Theory | Enhancing UX with HCI
Relevant Coursework: OOP | Database Management Systems | Operating Systems | Computer Networks