

OM PATIL

Software Developer

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PROFESSIONAL SUMMARY

Results-oriented Software Developer with a strong foundation in Java and Python, specializing in the design, development, and deployment of scalable backend systems and responsive front-end applications. Adept at applying Object-Oriented Design principles and Agile methodologies to deliver robust, data-driven solutions. Seeking to leverage hands-on project experience and internship training to solve complex challenges and contribute to impactful software development initiatives.

EDUCATION

BRACT's Vishwakarma Institute of Information Technology	Pune, India
Bachelor of Technology (B. Tech) in Information Technology Expected June 2026	Aug 2023 – Present
DBATU's Institute of Petrochemical Engineering	Lonere, Raigad
Diploma in Information Technology GPA: 9.13	Jul 2020 – Jun 2023

SKILLS SUMMARY

Languages: Java, Python, SQL, JavaScript, C++, HTML5, CSS3

Frameworks & Libraries: Spring Boot, Node.js, Express.js, React.js, Hibernate, Kafka, Redux, AJAX

Databases: MySQL, MongoDB, SQLite

Developer Tools & Platforms: Git, Postman, JIRA, Docker, Amazon Web Services (AWS), IntelliJ IDEA, VS Code

Core Concepts: DSA, Object-Oriented Design (OOD), Agile/Scrum, System Design, Microservices, RESTful APIs

WORK EXPERIENCE

Unified Mentor Pvt. Ltd. Ongoing	Remote
Full stack Web Development Intern	Aug 2025 – Nov 2025
• 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.	
Internshala Trainings Certificate	Remote
Software Developer Trainee (Python)	Jul 2022 – Aug 2022
• Streamlined internal processes by developing Python automations, reducing manual task effort by 20%.	
• Optimized an SQLite database with strategic indexing, boosting query speeds by 35%.	

PROJECTS

Vitamin Deficiency Detection System Tech: Python, Flask, Scikit-Learn, React.js	Jan 2025- Mar 2025
• Engineered a Python 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%.	
Mobile Tracking System Tech: Node.js, Express.js, MongoDB, React.js	Sep 2024- Dec 2024
• As Team Lead, guided the end-to-end development of a real-time GPS tracking system from concept to completion.	
• Engineered a scalable Node.js backend to process high-volume, concurrent real-time location data.	
Sales Person Territory Planner Tech: Java, Spring Boot, ReactJS, SQL	Nov 2022- Feb 2023
• 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%.	

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