OM PATIL

Software Developer

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PROFESSIONAL SUMMARY

A high-impact Software Developer with deep expertise in the Java and Spring Boot ecosystem, architecting and deploying high-availability microservices for enterprise-grade applications. Proven ability to translate complex business requirements into clean, efficient, and resilient code. Complemented by full-stack proficiency with Python and React, enabling the delivery of seamless, end-to-end software solutions.

SKILLS & TECHNOLOGIES

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

WORK EXPERIENCE

Unified Mentor Pvt. Ltd. | Ongoing   Remote
Full stack Web Development Intern   Aug 2025 – Nov 2025
- Delivered a feature-rich user interface using React.js and Hooks, leading to a more intuitive user experience and enhanced state management.
- Architected and deployed mission-critical RESTful APIs with Node.js and Express.js, enabling robust, high-speed data synchronization with MongoDB.

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
- Spearheaded the end-to-end creation of a real-time GPS tracking platform. Architected a highly scalable Node.js backend engineered to process thousands of concurrent data points with minimal latency.

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%.

VIRTUAL EXPERIENCE & CERTIFICATIONS

JPMorgan Chase & Co. Software Engineering Job Simulation (via Forage) | Certificate
- Successfully executed a simulation of enterprise-level software engineering, demonstrating proficiency by implementing Kafka for real-time data pipelines and deploying secure RESTful APIs**.**

Certifications: Data Structures and Algorithms (Java) | Computational Theory | Enhancing UX with HCI

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