# Om Patel

Email: reach.ompatel@gmail.com     Contact: 6354307757     Linkedin: http://www.linkedin.com/in/om-patel

## PROFESSIONAL SUMMARY

Results-oriented **Java Software Engineer** with **3+ years of experience** in designing, developing, and deploying scalable backend systems. Skilled in **Core Java**, **Spring Boot**, **Mockito**, **Microservices**, **REST APIs**, **and Cloud platforms (AWS, Azure AD)**. Proven expertise in **database optimization (MySQL, MongoDB)**, **DevOps tools (Jenkins, Docker, Kubernetes)**, and **secure application development**. Adept at collaborating with cross-functional teams, optimizing application performance, and delivering robust enterprise solutions across manufacturing, paints, and telecom domains. Worked within **Agile & ITIL frameworks**, ensuring smooth sprint deliveries and proper documentation of incidents/changes.

## EDUCATION

**B.Tech  BVM Engineering College - Vallabh Vidhyanagar**                           June 2018 – June 2022
- CPI: 7.54/10.0

## CORE SKILLS

- **Languages & Frameworks**: Core Java (8+), Mockito, Spring Boot, Spring Framework, Spring MVC, Spring Security, JUnit, Hibernate ORM
- **Architecture & APIs**: RESTful APIs, Microservices, OOP, Design Patterns, Multithreading, JVM Concepts, JDBC
- **Databases**: MySQL, MongoDB, Query Optimization, Schema Design
- **Messaging & Streaming**: Apache Kafka
- **DevOps & Cloud**: AWS (EC2, S3, RDS, Parameter Store, Load Balancers), Azure AD, Docker, Kubernetes, Jenkins CI/CD
- **Tools & Processes**: Git, Jira, SonarQube, Postman, Gradle, Maven, ITIL Practices (Incident, Change, Problem Management), Test Management Tools (JIRA XRay, TestRail)
- **Web Technologies**: HTML, CSS, JavaScript, Bootstrap
- **Methodologies**: Agile (Scrum), CI/CD, Test-Driven Development (TDD)
- **Communication & Management**: Teamwork, Leadership, Adaptability, Active listening, Verbal clarity

## PROFESSIONAL EXPERIENCE

**Mantra Softech**, Senior Software Developer L1                           Nov 2025 – Current
- Developed and maintained **Java/Spring Boot** applications with clean, scalable architecture.
- Worked on **biometric systems**, including **liveness detection** and **auto spoofing models**.
- Integrated and supported **MOSIP** identity workflows and authentication modules.

**Raapyd**, Software Engineer                           Feb 2024 – Sept 2025
- Designed and developed **Vendor Portal**, **CMMS**, **E-Catalog**, **and Catalog Management** systems using **Java**, **Mockito**, **Spring Boot, and Microservices**.
- Engineered secure cloud infrastructure utilizing **AWS EC2, S3, and RDS**, alongside **Azure AD SSO**, to modernize **authentication and boost data storage capacity by 40% across platforms**.
- Optimized database queries in MySQL, reducing API response times by **25%**.
- Implemented **Dockerized deployments** and managed scalable environments via **Kubernetes**.
- Automated CI/CD pipelines with **Jenkins**, ensuring zero-downtime deployments.

- Conducted **code reviews**, ensuring adherence to best practices and coding standards.
- Coordinated with client stakeholders & development team to gather requirements and align deliverables, ensuring smooth communication and timely project delivery.

  **Key Achievements:**

  - **Migrated authentication to Azure AD SSO** without downtime for enterprise clients, improving security compliance.
  - **Reduced API response time by 25%** in E-Catalog through MySQL query optimization and caching strategies.
  - **Designed and implemented scalable microservices architecture** for Vendor Portal, enabling smooth integration with third-party systems.
  - **Enhanced application security** by implementing JWT-based authentication and role-based access control across multiple projects.
  - **Optimized AWS EC2 instance utilization**, reducing infrastructure costs by 15% while improving application performance.
  - **Developed Python scripts** to automate routine data validation and deployment tasks, reducing manual effort by 15%.

**Aivid Techvision Pvt**. **Ltd**., Software Engineer                                                  Aug 2022 – Feb 2024

- Developed **B2B CPQ Portal** for **Tech Mahindra**, implementing complex pricing workflows using **Spring Boot & MongoDB** .
- Built secure, role-based APIs using **JWT Authentication** and **Spring Security**.
- Integrated **Apache Kafka** for real-time event-driven communication.
- Wrote **JUnit tests with Mockito** to achieve **94%+ code coverage** and maintain high-quality standards.
- Used **SonarQube** for static code analysis to reduce vulnerabilities and maintainability issues.

  **Key Achievements:**

  - **Improved query performance by 30%** using advanced indexing and aggregation pipelines.
  - **Integrated Apache Kafka event streaming** in CPQ Portal, reducing data sync delays between services from minutes to seconds.
  - **Implemented JWT-based authentication** across five core microservices, fortifying application security and reducing unauthorized access attempts by **40%** within the first quarter of deployment.
  - **Implemented SonarQube code quality checks**, reducing production defects by 18% and improving maintainability.

## PROJECT HIGHLIGHTS

- **Vendor Portal:** Enabled streamlined vendor onboarding with secure role-based access.
- **CMMS:** Developed preventive maintenance scheduling & work order management modules.
- **E-Catalog & Catalog Management:** Designed hierarchical product catalogs with advanced search and filtering.
- **B2B CPQ Portal:** Configured complex quotation workflows for enterprise telecom clients.

## VOLUNTEERING EXPERIENCE

**Library Management Volunteer - BVM Engineering College**                          June 2019 – June 2022

- Assisted in digitizing library records and streamlining catalog search for 1,000+ students.

- Mentored junior peers in navigating technical resources and academic materials.
- Organized knowledge-sharing sessions and supported community learning programs.