

Umesh Chaudhari

umeshchaudhari3824@gmail.com | +91 86697 94604 | linkedin.com/in/umesh3824 | github.com/umesh3824

Technical Skills

Languages: Java, SQL / PL-SQL, JavaScript, HTML/CSS, Shell Scripting

Frameworks: Spring Boot (IOC, REST, JPA), Angular, Bootstrap

Databases: Oracle, PostgreSQL

DevOps & Tools: Git, GitHub, Jenkins, CI/CD Pipeline, Eclipse, Maven, VS Code, Postman

Other Skills: RESTful APIs, XML, JSON, Linux/UNIX

Education

Pimpri Chinchwad College of Engineering, Pune (B. E in Computer Engineering)	Oct 2020 – Jun 2023 CGPA: 9.35
Government Polytechnic, Jalgaon (Diploma in Information Technology)	Jul 2017 – Aug 2020 Percentage: 94.44

Experience

Software Engineer , PTC Software (India) Pvt. Ltd. - Pune, India	July 2023 – Present
<ul style="list-style-type: none">• Built a refactoring utility for the PTC Requirements Connector, enabling the refactoring of data types, attributes, and object types, which allows customers to modify the document structure while synchronizing documents.• Executed a PoC for PostgreSQL support and developed core backend components, optimizing performance and enabling scalable, cross-database compatibility with Oracle and PostgreSQL.• Developed a SHA-256 based document comparison tool for ALM requirement documents, reducing comparison time by 40% and significantly improving system efficiency and accuracy in identifying document changes.• Implemented an attribute mapping feature in the PTC Requirements Connector to allow flexible mapping of any attribute to existing attributes in the ALM system.• Developed a Template Utility for the PTC Requirements Connector that enables users to reuse existing roundtrip configurations as templates for new roundtrips. This feature automates selection and configuration, significantly reducing setup time and ensuring consistency across multiple roundtrips.• Worked on infrastructure upgrades, including updating JAR dependencies and migrating the Java version from Java 11 to Java 21 to ensure compatibility and improved performance.• Collaborated with QA and developers; familiar with SDLC, code reviews, Agile sprints, and sprint retrospectives.• Technologies: - Java 11, Java 17, XML, HTML/CSS, MySQL, PostgreSQL, CI/CD pipeline, Jenkins, Git, GitHub	
Intern - DevOps , PTC Software (India) Pvt. Ltd. - Pune, India	July 2022 – Jun 2023
<ul style="list-style-type: none">• Created and integrated Azure Virtual Machines into Jenkins CI/CD pipelines; responsible for building, maintaining, and debugging pipeline failures to ensure smooth automated deployments.• Integrated manual test cases and Apache Solr server into the Jenkins CI pipeline, enabling automated testing and reducing local dependencies.• Developed Spring Boot RESTful APIs service to automate database operations, including user and database creation, permission assignment, and backup restoration, eliminating manual effort and reducing database client dependency.• Technologies: Java, Spring Boot, REST APIs, PostgreSQL, Oracle, Jenkins, Git, GitHub, Azure, CI/CD Pipeline	

Projects

Fruit Disease Detection using CNN	2022-2023
<ul style="list-style-type: none">• Developed a fruit disease classifier using CNN (90%+ accuracy) with a Flask web frontend (HTML/CSS) to aid farmers in early-stage, image-based disease detection.	
Smart Online Examination System	2019-2020
<ul style="list-style-type: none">• Secure web-based test platform with a custom browser, awarded at DIPEX-2020 for cross-platform exam support and stability improvements.	