

# Rajashri Vishal Rane

rajashri.vishalrane@gmail.com | +971 52 865 1273 | Dubai, UAE

## Senior System Engineer | Java Developer | Module lead

### Professional Summary

- Performance-driven senior software engineer, with 12+ years of experience in End-to-End development of web and enterprise application development using java technologies following scrum agile methodologies in Telcom and Identity and access management domain.
- Experienced in designing and developing high-quality Java microservices and Enterprise Edition (EE) applications and have proven track record in SDLC phases.
- **Oracle and AWS certified** for java tech stack and cloud technology basics.

### Professional Experience

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|--|-----------------|
| - Senior System Developer @ Digital Dubai/Smart Dubai                      | Oct 18 – Feb 24 |
| - Senior Java Developer @ DP World Dubai                                   | Aug 18 - Oct 18 |
| - Software Consultant @Trakhees/PCFC Dubai                                 | Apr 18 - May 18 |
| - Module Lead @Safecare Technology, Abu Dhabi                              | Dec 15- Aug 16  |
| - Senior Software Engineer @ NE Technologies India Pvt Ltd Verna Goa India | Jul 06 – Jul 10 |

### Key Accountability and Responsibility

#### System study and design

- Gather, analyze system/project requirement, define technical solutions, understand low and high-level design.
- Assisting product development roadmap in line with system requirement.
- Task breakdown, task story points estimation and record in project management tools like JIRA/GITHUB.
- Identify use cases, prepare project technical documentation, REST API interface documentation.

#### Implementation and Testing

- Gap analysis between existing product/solution and proposed changes, revamping code with identified changes.
- Implement Test Driven Development for backend services, ensuring code coverage with unit and integration testing, integrated with SonarQube codebase monitoring.
- System development adhering to best coding standards, ensuring backward compatible changes & existing code reuse.
- Provide support for performance/load testing and UAT for bug-free application releases.

#### Build, Release management and system support

- Deployment using CI/CD pipeline, managing software releases.
- Troubleshooting production bugs, providing bug fixes and support to operations team.

#### Collaborate and soft skills

- Mentoring peer, peer code review to maintain high code quality.
- **Collaborate with cross functional team** such as stakeholder, product owner/managers, front-end, CX, QA, DEVOPS team to achieve project objectives and deadlines effectively, ensuring timely and high-quality delivery.

#### Upgrading skills

- Stay updated by learning new industry standards/technologies/framework/security practices and apply them.

### Educational Qualification

- **Master of Engineering in Information Technology, Goa University, India 2010 – 2012** **CGPA 8.33**
- **Bachelor of Engineering in Computers, Goa University, India 2002 – 2006** **Honors with Distinction**

## Certifications

- Oracle Certified Professional, JavaSE6 Programmer
- Oracle Certified Associate, Java SE7 Programmer
- Oracle Certified Expert, Java Platform, EE6 Web Component Developer
- AWS Certified Cloud Practitioner
- AWS Certified Developer associate
- AWS Certified Solution Architect Associate

## Technical Skill Set

<b>Programming Languages</b>	Core Java, Java 8+, Java 21, SQL, HTML, CSS, JavaScript
<b>Frameworks &amp; ORM tools</b>	Quarkus, Spring Boot, Spring Core, Spring JPA, Spring MVC, Spring AOP Panache, Hibernate, MyBatis, JPA, Junit, Mockito
<b>Web Technologies</b>	Outh2.0 secured REST API, JSP, servlets, EJB, Beans, JDBC, JNDI, RMI, JMS, Swings, JavaFX JSON, AJAX, JAXB, XML, REST, SOAP, XML spy
<b>Databases</b>	Oracle, MySQL, SQL Server, JavaDB, Redis, NoSql, DocumentDB
<b>IDE, project management tools</b>	IntelliJ IDEA, NetBeans, Eclipse, STS, Maven, Gradle, Ant, SourceTree, Jira, Confluence
<b>Other development tools</b>	Log4j, Postman, SoapUI, Rational clear case, DJ Decompile, TCP/IP protocol, Wireshark, FCM, slunk
<b>DevOps, Cloud &amp; Containers</b>	Git, SVN, Bit Bucket, Jenkins, SonarQube, GitHub, AWS, Docker, Kubernetes
<b>OS &amp; Servers</b>	Windows, Linux, Unix, Sun Solaris, Apache Tomcat, BEA WebLogic, JBoss
<b>Identity servers</b>	WSO2, Entrust eidas Trusted-x

## Professional Experience

**Senior System Developer @ Digital Dubai/Smart Dubai** **5 years** **Oct 18 – Feb 24**

### UAE PASS and Paperless Project

- Core team member responsible for revamp of UAEPASS project, UAE's national digital identity and signature solution project, single sign on application for UAE government services, supporting Dubai paperless strategy.
- Worked on Backend Revamp of monolithic System to OAuth 2.0 Secured REST microservices using Quarkus framework, Panache- Hibernate based persistence which are consumed by mobile application and web portal. Microservices managed by DevOps practices CI/CD using Jenkins.
- Strong knowledge in MsSql/oracle/Redis, code migration supporting these databases.
- Developed custom components for WSO2 and Entrust trusted Identity server & Identity and access management.
- Working in agile environment with JIRA project management and tracking tool.
- Responsible for generating/managing all release builds and tracking them with Jira.
- Deploying releases using CI/CD pipelines.
- Document management and documentation using Confluence.
- Code coverage as per sonar standards.

### Senior Java Developer @ DP World Dubai

**Aug 18 - Oct 18**

- Application Support for DP World marine application
- Identifying and fixing issues in production software of DP world

### Software Consultant @Trakhees Dubai

**Apr 18 - May 18**

### Smart Inspection

- Development of REST API exposing oracle stored procedure data for consumption by iOS & Android app.
- Working on push notification using FCM for iOS and Android app.

**Module Lead @Safecare Technology, Abu Dhabi****Dec 15- Aug 16****Clinical Healthcare management System**

- Solely Responsible for planning and execution of project.
- Interaction with stockholders/end user to gather business requirement and converting into technical specification.
- Actively involved in designing of front-end and database of web-application.
- Responsible for timely delivery of software release, meeting customer requirements.
- Responsible for work breakdown, task assignment, monitoring, aiding & managing a team of 6-7 developers.
- Practices of agile software development methodology.
- Active involvement in modification, enhancement, technical consultation of healthcare domain software project.

**Master of Engineering Project @ PCCE Verna Goa India****Apr 11 - Jul 12****Key Distribution using TCP/IP protocol Steganography**

- Analyze requirements, design, implement, test & enhance entire project with little supervision and guidance from college faculty and external guide.
- Setup successful connection of IPv6 network in existing IPv4 college network.
- Created a covert channel in IPv6 network to send Steganography data in raw n/w at the time sender remotely logs in to receiver's system.
- Testing the reception of data by capturing the packet at receiver's end and decoding data.
- Technologies: NetBeans, C, Java-Swings, Wireshark Network Analyzer, Linux-Fedora.

**Senior Software Engineer @ NE Technologies India Pvt Ltd Verna Goa India****Jul 06 – Jul 10****Projects - Abstract Syntax Notation, Home Subscriber Server Simulator, Local Service Request**

- Analyze existing code for enhancement of old features and implement new features.
- Provide recommendations on OO design concepts, best practices, exception handling.
- C language API generation with java compiler code for heterogeneous system to work with ASN
- Identify and fix potential memory, performance, and transactional issues.
- Analysis and design of database module, identification of SQL scripts, GUI implementation using JAVA Swings.
- Development of GUI, Server control processing logic using servlet, business logic with ejb.
- Modules Validation with Junit unit test cases ensuring 80% of software code coverage
- GUI, server, and database tier Integration.
- Implementation and release patch changes to main gateway product.
- Provided Webservices support for ezLocal gateway.
- Technologies: Core java, C, JSP, Servlets, Java Swings, JavaScript, J2EE, XML, Beans, Web services, JAXB, HTML, CSS, Diameter protocol, Oracle9i and 10g, MySQL, JavaDB, WebLogic, JBoss Application server, NetBeans IDE, Windows XP, Unix Sun Solaris, Linux Red Hat.

**Personal Profile**

- Nationality: Indian
- Visa-Status: Golden Resident visa
- UAE driving license: yes.