

# ADYASHA WAGHMARE

## Java Developer

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Pune (India)

**Java Backend Developer** with **3 years** of experience in designing and developing **scalable microservices** and **RESTful APIs** using **Core Java, Java 8, Spring Boot, Spring MVC, Spring Data JPA, Hibernate**, and **JDBC**. Proficient in **JUnit, Mockito**, and secure development using **Spring Security**. Skilled in working with **MySQL, MongoDB**, and **OracleDB**, and experienced in tools like **Postman, Eclipse, IntelliJ IDEA**, and **Jira**. Strong in **GitHub** version control, **Maven** build tool, and hands-on Unit Testing and Automation Testing with **Selenium, TestNG**, and **Cucumber** for automation. Known for strong **debugging, performance optimization, problem-solving**, and **Agile** team collaboration, delivering **clean, reliable, and high-performance backend solutions**.

## Skills

- **Back-end Technologies:** Core Java, Java 8, Java 17, Spring MVC, Spring Boot, Spring Data JPA, Hibernate, JDBC, REST API Development, Spring Security, Junit, Mockito, Microservices Architecture, Multithreading, Exception Handling, Design Patterns, Lombok, JSON/XML Handling
- **Database:** MySQL, MongoDB, OracleDB, PostgreSQL
- **Version Control:** Git, GitHub, GitLab
- **Build & Automation:** Maven, Gradle, CI/CD Pipelines
- **Testing & QA:** JUnit, Mockito, TestNG, Selenium, Cucumber
- **Tools & IDEs:** Eclipse, IntelliJ IDEA, VS Code, Postman, Swagger, Jira
- **DevOps & Cloud:** Docker, AWS (Basics)

## Experience

- **Associate Software Engineer** | [Cognizant Technology Solutions] [July-2022 to Present] | [Pune, India]

## Projects

### ➤ Project: RIS MetLife

- Developed a **scalable and high-performance backend system** for an insurance platform using **Java** and **Spring Boot**, integrating **Oracle DB** and **MySQL** for efficient data handling; optimized database transactions using **Spring Data JPA**, resulting in a **30% improvement in query execution time**.
- Designed, developed, and optimized **RESTful APIs** using **Spring Boot**, improving system responsiveness and reducing API latency by up to **40%** through clean architecture and **design patterns**.
- Implemented **Spring Security** for robust **authentication** and **authorization** with **role-based access control (RBAC)**; integrated **Spring Validation** to ensure accurate data input, enhancing **platform reliability**.
- Built **real-time features** such as **application form tracking, email notifications**, and **payment status updates** using **JavaMailSender** and **third-party APIs**, improving user engagement and transparency.
- **Tech Stack:** Java, Spring Boot, Spring Security, Spring Data JPA, RESTful APIs, MySQL, Oracle DB, GitHub, Postman, Maven

### ➤ Project: Hartford Insurance Group (HIG)

- Designed and developed scalable, maintainable automation frameworks for UI and database testing using **Java, Selenium, TestNG, Cucumber**, and **Spring Boot**. Implemented design patterns like **Page Object Model (POM)** and **Factory** to build modular, reusable test components.
- Integrated automated test suites into **CI/CD pipelines** using **Jenkins**, GitHub Actions, and real-time reporting via email, ensuring faster feedback and higher release confidence.

- Collaborated with developers, product owners, and DevOps teams in **Agile environments** to conduct code reviews, write integration and contract tests, manage test data, and report defects through **JIRA**, quality across the SDLC.
- **Tech Stack:** Java, Spring MVC, Spring Boot, Selenium, Cucumber, TestNG, MySQL, GitHub, Jenkins, GitHub Actions, JIRA

## Roles And Responsibility

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- Implemented **MVC architecture** as a Backend Developer, establishing a structured codebase that enhanced collaboration and accelerated feature delivery.
- Engineered a **scalable insurance platform** using **Java**, **Spring Boot**, and **Hibernate** to manage products, forms, user data, and due dates efficiently.
- Created a **modular monolithic Back End** with clearly defined **RESTful APIs**, ensure performance efficiency and readiness for future **microservices** adoption.
- Developed API layers including **Controllers**, **DAOs**, and **Services** to encapsulate business logic, enabling seamless external system interactions.
- Crafted dynamic **SQL queries** for data retrieval based on business logic, enabling custom reporting and reducing response times by **30%**.
- Maintained lower environment setups by configuring **environment-specific properties**, allowing for early bug detection and consistent behavior across stages.
- Managed deployment on **AWS**, ensuring uptime, stability, and optimized cloud resource usage.
- Conducted comprehensive **API Testing** using **Postman** and **Unit Testing** using **JUnit**, improving system resilience and contributing to a **25% drop in production defects**.
- Resolved critical production issues through deep **debugging**, rigorous **code review**, and adherence to clean coding practices. Collaborated with cross-functional teams following agile software development practices
- Coordinated with teams through **GitHub**, participated in daily Agile rituals, and ensured prompt resolution of feedback.
- Supported alignment between technical tasks and product objectives by applying **Scrum principles**, promoting iterative delivery and continuous enhancement.

## Education

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- BTech (Mechanical) | 2022 | VIIT Pune, India

## Certificate

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- Certified Azure Fundamentals (AZ-900)

## Soft Skills

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| • Problem-Solving | • Innovative Thinker |
| • Team Work       | • Time Management    |
| • Adaptability    | • Creativity         |