

# Vishal Thakur

## Java Developer

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### Professional Summary

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**Java Developer with 3+ years of experience** in building scalable, high-performance backend systems using **Java 8, Spring Boot, Microservices, REST APIs, and MySQL**, primarily in the healthcare domain. Skilled in **CI/CD pipelines, SQL optimization, API development**, and Agile practices, with working knowledge of **Angular** for end-to-end delivery.

### Technical Skills

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**Programming Languages:** Java 8+, Core Java, TypeScript, JavaScript.

**Backend Technologies:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Microservices, REST APIs.

**Frontend Technologies:** Angular, HTML5, CSS3.

**Databases:** MySQL, SQL Optimization.

**DevOps & Tools:** Git, Docker, CI/CD, RabbitMQ, Postman, SonarQube, Cypress, Jira, Azure, AWS (Basics).

**Other:** JUnit, Agile/Scrum, OOP, Exception Handling, Design Patterns.

### Professional Experience

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#### Geninvo — Analyst, Software Development

03/2022 – Present | Mohali, India

- Developed and optimized scalable web applications using Java, Spring Boot, and Angular, improving overall system performance and user experience.
- Collaborated with cross-functional teams and business analysts to gather and refine requirements, ensuring accurate solutions aligned with business objectives.
- Designed and implemented RESTful APIs and microservices architecture using Spring Boot, RabbitMQ, and SonarQube to enhance modularity, scalability, and production readiness.
- Ensured clean, maintainable, and high-quality code by following industry standards and leveraging Spring Boot MVC best practices.
- Improved database performance by managing MySQL operations and optimizing SQL queries for faster and more efficient execution.
- Built responsive and accessible front-end interfaces using Angular, enhancing overall usability and user interaction.
- Automated deployment processes through CI/CD pipelines, reducing deployment time by 90% and enabling seamless and reliable integration.
- Conducted comprehensive testing, including Unit, Sanity, Regression, Black-box, and White-box testing, resulting in a 30% reduction in reopen bug counts.
- Automated 80% of test cases using Cypress and JavaScript, significantly reducing manual testing effort and increasing testing efficiency.

- Documented system designs, processes, and deployment workflows, reducing future release efforts by 30% and supporting effective knowledge-sharing.

## Education

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**B.Tech in Computer Science Engineering**  
Chandigarh University — CGPA: 6.43

2020 | Mohali, India