

Asad Nakade

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SOFTWARE ENGINEER

Experienced Software Engineer with 2+ years of expertise in designing, developing, and maintaining robust software solutions. Proficient in Java, Spring Boot, Hibernate, and React.js, with a strong focus on Test Driven Development (TDD), microservices architecture, and high-quality code delivery. Adept at improving system scalability and performance, with proven success in reducing process wait times and code duplication.

Work Experience

Software Engineer

Dec 2022 – March 2025

Capgemini Technology Service India Limited

- Developed a robust API using Java Spring Boot and Hibernate to manage **CRUD** (Create, Read, Update, Delete) operations, employing **Test-Driven Development (TDD)** principles.
- Developed and implemented a robust **microservice** and used spring cloud that efficiently handles connection between different services enhancing modularity and **standalone services**.
- Spearheaded the design, development, and maintenance of Java-based applications, ensuring the delivery of high-quality, efficient, and maintainable code.
- Performed comprehensive software analysis, **unit testing**, and debugging, leading to a 10% **reduction in code duplication** and a 15% increase in maintainability.
- Engaged in technical reviews and collaborative meetings to refine and refactor software, focusing on **enhancing code quality**, organization, and performance.
- Evaluated legacy systems and recommended necessary patches, fixes, or design overhauls to resolve issues and improve system functionality by 10
- Leveraged **automated tools** such as **Jenkins** and technologies to identify performance bottlenecks and bugs, implementing solutions to address and rectify these issues.

Intern, JEE Full Stack with React

July 2022 – Dec 2022

Capgemini Technology Service India Limited

- Full-Stack Development: Built and maintained web applications using **React.js**, Java, Spring Boot, and MySQL with **RESTful APIs**.
- Frontend Development: Developed reusable React components , integrated APIs using **Axios**.
- Backend Development: Designed and implemented RESTful APIs using Spring Boot, Spring Data JPA , and Hibernate.

Projects

Product Review Analysis System:

- Developed a robust Product Analysis platform with a scalable monolithic architecture, enabling seamless user and bookingmanagement. Aspect-OrientedProgramming(AOP)utilizedSpringAOPforlogging,errortracking, androle based authorization—simplifying code and securing REST endpoints with minimal boilerplate. Managed transactional integrity across services using Spring’s transaction management, ensuring consistency in complex Analysis workflows.
- Tools Used: Java, Spring Boot, Spring Data JPA, PostgreSQL, REST APIs, Spring Security, Spring AOP, Mockito, JUnit, Monolithic Architecture, Maven.

Technologies

Languages: Java, JavaScript, SQL, HTML5, CSS.

Frameworks and Libraries: Springboot, Maven, JPA - Hibernate, React JS, Bootstrap.

Database Management : MySQL, PostgreSQL, MongoDB.

Git, Postman, SonarQube, ActiveMQ, Spring Framework, SpringMVC Object-Oriented Programming (OOP), Low-Level Design (LLD), SOLID principles, Microservices Architecture, Unit Testing, Integration Testing, Continuous Integration/Continuous Deployment (CI/CD), RESTful API Development, Agile Methodologies.

Certifications

Microsoft Certified: Azure Fundamentals AZ-900

Microsoft Certified: Azure Developer Associate AZ-204

Education

Sanjay Ghodawat University, Kolhapur, Maharashtra, India

Graduated: June 2022

Bachelor of Technology in Computer Science and Engineering

- GPA: 8.2/10