

# SACHIN YADAV

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## Education

**Rajiv Gandhi Proudhyogiki Vishwavidyalaya**

*Bachelor of Technology in Computer Science Engineering*

**May 2018 – May 2022**

*Bhopal, Madhya Pradesh*

## Experience

**Virtusa Corp**

**May 2022 – Present**

**Software Engineer** | *Java, Spring Boot, Hibernate, Angular, Junit*

*Pune, Maharashtra*

- Engineered REST APIs using Spring Boot for an Telecom web app, integrating Hibernate ORM, increased database interaction efficiency by 40% and reduced data retrieval time by 25%.
- Architected and implemented robust processes using Java based GetaFix framework (British Telecom internal framework), achieving an 18% rise in data processing speed and reducing maintenance needs by 22%.
- Designed and deployed Spring Boot stubs, allowing for efficient testing and development in the absence of real components, leading to a 30% improvement in overall project turnaround time.
- Deployed a Spring Boot project on WebLogic, enhancing deployment scalability and robustness which improved system uptime by 20% and reduced server response time by 15%.
- Engineered 15+ interactive front-end components for enterprise web applications using Angular, increasing user engagement by 40% and reducing load times by 25% through optimized code.

**Virtusa Corp**

**December 2021 – March 2022**

**Software Engineer Intern** | *Java, J2EE, Spring MVC, Spring Boot, Junit*

*Chennai, Tamil Nadu*

- Developed and migrated a bank web application from J2EE to Spring Boot and used Hibernate for database operations.
- Enhanced the software architecture, enhancing efficiency by 35%, security by 50%, and maintainability by 40%, while improving overall system performance and scalability during complex migration phases.
- Created robust RESTful APIs using Spring Boot, improving data retrieval speed by 30%; introduced Spring Security, boosting system security and reducing breach incidents by 20%.
- Spearheaded the integration of JUnit for unit testing, coupled with SonarQube and SonarLint, boosting test coverage by 85%; decreased post-release defects by 45%, enhancing overall software reliability.

## Projects

**Exam Portal** | [Link](#) | *Java, Spring Boot, Hibernate, Spring Security, Angular*

**August 2021 – November 2021**

- Architected an online exam portal leveraging Spring Boot for REST API development and Angular for the front end; integrated Spring Security, enhancing authentication and authorization efficiency by 50%.
- Constructed a centralized platform for administrators to streamline assessment creation and organization, cutting administrative workload by 30% and enhancing tracking capabilities for student performance metrics.
- Launched a streamlined student portal feature for exam registration and assessments, benefiting 1,200+ students and reducing administrative processing time by 35%, enhancing operational efficiency.

**Asset Record Manager** | [Link](#) | *Java, J2EE, JDBC*

**March 2021 – May 2021**

- Developed a robust enterprise application using J2EE to streamline hardware inventory management in organization.
- Built and integrated controllers and service modules, creating a comprehensive DAO layer that improved database interactions using JDBC, resulting in a 20% increase in query performance and reducing response times by 15%.

## Certifications & Training's

**Oracle Certified Java Associate** | [Link](#) | *Java Standard Edition 8*

**Cert. 17079695OCAJSE8**

**NPTEL** | [Link](#) | *Programming in C/C++/Java*

**Cert. NPTEL19CS42S21420129**

## Relevant Coursework

- |                       |                       |                               |
|-----------------------|-----------------------|-------------------------------|
| • Data Structures     | • Database Management | • Operating System            |
| • Algorithms Analysis | • Computer Networks   | • Object-Oriented Programming |

## Technical Skills

**Languages & Skills:** Java, Spring-Boot, Spring, Hibernate, Spring Security, Angular, C, C++, SQL, Junit, Html, CSS

**Developer Tools:** Git, Maven, Putty, Postman, MySQL, Oracle SQL Developer, CI/CD, Web-logic, Eclipse, STS

## Achievements & Awards

**Neural Hack Season 5 Hackathon** | [Link](#) | *Runner-up*

- Over 1 Lakh nationwide registrations from top engineering colleges, selecting 252 participants for the final round.
- Innovated a Social Networking platform leveraging Spring Boot and Angular during a technology hackathon, achieving a 40% reduction in development time through efficient code practices.