

Harshikesh Singh

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Experienced Software Engineer with over 2 years of full-stack web development expertise. Adept at designing, developing, and maintaining scalable software applications. Proficient in Java and JavaScript, with a strong grasp of software development methodologies and best practices. Skilled in front-end technologies like HTML, CSS, JSP and JavaScript frameworks such as Angular, and proficient in building RESTful APIs using Spring Boot for back-end development. Well-versed in database management systems like MySQL and Oracle. Demonstrated ability to collaborate with cross-functional teams, deliver high-quality software solutions within project deadlines, and solve complex problems. Committed to continuous learning and staying updated with the latest trends in software development.

PROFESSIONAL EXPERIENCE

CSM TECHNOLOGIES,

Software Engineer

Bhubaneswar, Odisha

August 2022–Present

- *Developed object-oriented programming models and collaborated with teams to analyze system solutions based on client requirements.*
- *Documented customer requirements and project plans.*
- *Applied expertise in Advanced Java and JavaScript programming languages to develop applications.*
- *Worked with senior software staff to produce new software solutions.*

Key Projects:

1. Campus Automation System (CAS) - Examination Portal

- *Description:* Developed and maintained a comprehensive enterprise exam portal system for streamlining business processes.
- *Technologies Used:* Core Java, Spring MVC, Hibernate, JSP, Bootstrap, MySQL, Git.
- *Responsibilities:*
 - Interacted with clients to gather requirements and clarified any doubts.
 - Designed and implemented features using Core Java.
 - Integrated Spring MVC with Hibernate for seamless database operations.
 - Developed responsive frontend using JSP and Bootstrap.
 - Managed version control using Git and handled continuous integration using Maven.

2. Talent Pool Management System (TPMS)

- *Description:* Built a secure resource management system to manage employees and their activities.
- *Technologies Used:* Core Java, Spring MVC, Spring Security, Hibernate, RESTful services, AngularJS, MySQL.

- *Responsibilities:*
 - Implemented user authentication and authorization using Spring Security.
 - Developed backend services using Java and Spring boot.
 - Created RESTful APIs for data exchange between frontend and backend.
 - Utilized AngularJS for developing dynamic user interfaces.

KEY SKILLS

- **Programming Languages:** *Core Java, JavaScript*
- **Frameworks/Libraries:** *Spring Core MVC, Spring Security, Hibernate, AngularJS*
- **Web Technologies:** *HTML5, CSS3, Bootstrap, JSP, RESTful APIs*
- **Database Management:** *MySQL, Oracle*
- **Development Tools:** *Spring ToolSuit4, IntelliJ IDEA, Eclipse, Git*
- **Operating Systems:** *Windows*
- **Additional Skills:** *Proficient in MS Office, Project Planning, Software Documentation, Fluent in English, and Hindi*

PROJECTS AND CONTRIBUTIONS

- **Campus Automation System:**
 - Developed a robust backend using Core Java and J2EE, ensuring high performance and scalability.
 - Implemented Spring MVC for handling web requests and integrating with Hibernate for ORM.
 - Enhanced user experience through dynamic and responsive UI components using JSP and Bootstrap.
- **Talent Pool Management System:**
 - Led the integration of Spring Security for robust authentication and authorization mechanisms.
 - Designed RESTful APIs for seamless interaction between frontend and backend.
 - Utilized RESTful web services for efficient data communication between different modules.
 - Maintained high code quality.

EDUCATION

DRIEMS UNIVERSITY
Bachelor of Technology
CGPA : 8.1

Cuttack , Odisha
May2022