

HARSHVARDHAN TIWARI

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SUMMARY

A results-driven and detail-oriented Computer Science graduate with hands-on experience in Java-based backend development. Proficient in engineering robust and scalable solutions using Java, Spring Boot, and RESTful APIs. Committed to optimising performance and collaborating with cross-functional teams in an Agile environment to deliver high-quality software. A fast learner with a passion for continuous improvement in software engineering.

SKILLS

- **Languages:** Java, JavaScript, C++, Python, PL/SQL.
- **Backend:** REST APIs, Spring Boot, Hibernate, MySQL, Oracle DB, Firebase.
- **Frontend:** React.js, HTML5, CSS3, Responsive Design.
- **Concepts & Methodologies:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA).
- **Tools:** Git, GitHub, Streamlit.

WORK EXPERIENCE

Application Developer Intern, Mastek

Jan 2024 - June 2024

- Engineered and maintained robust Java-based applications, enhancing system reliability and scalability.
- Integrated and managed RESTful APIs to enable seamless, high-performance data exchange between systems.
- Actively participated in Agile sprints, contributing to the on-time delivery of backend solutions.
- Assisted in all stages of the software life cycle, from development to testing, debugging, and documentation.

PROJECTS

Medical Report Visualization

GitHub: [Medical Report Visualization](#)

- Engineered a real-time data visualization dashboard using Streamlit with dynamic charts and graphs.
- Implemented Firebase for secure authentication, ensuring role-based data access.
- Demonstrated foundational skills in building customer-centric and secure solutions.

Orbion - Ball Adventure

GitHub: [Orbion - Ball Adventure](#)

- Designed a physics-based 3D puzzle game in Unity, focusing on optimized performance.
- This project highlights a background in problem-solving and an aptitude for creating robust applications.

EDUCATION

B.Tech in Computer Science Engineering

2020 - 2024

Shri Ram Institute of Technology, Jabalpur

CERTIFICATIONS

Spring Framework for Java Development, Coursera [Link](#)

Completed training on building Java applications using Spring Boot, Spring Core, and Spring Data JPA with hands-on experience in RESTful API development and database integration.

ACHIEVEMENT

- Solved 250+ problems on LeetCode, improving proficiency in Data Structures and Algorithms (DSA).