

HARSHVARDHAN TIWARI

harshvardhanti12@gmail.com | [Portfolio](#) | [GitHub](#) | +91 9111018491 | Jabalpur

WORK EXPERIENCE

Application Developer Intern , Mastek

Jan 2024 - March 2024

- Developed and tested Java-based applications to enhance system performance and reliability. Integrated RESTful APIs to extend backend functionality and ensure seamless data exchange.
- Optimized PL/SQL queries, achieving a 15% reduction in execution time. Collaborated within an Agile team, consistently meeting sprint deadlines and contributing to high-quality deliverables.

SKILLES

- **Languages:** Java, JavaScript, C++, Python, PL/SQL
- **Frontend:** React.js, HTML5, CSS3, Responsive Web Design
- **Backend:** REST APIs, Spring Boot (beginner), Firebase, Oracle DB, MySQL
- **Tools:** Git, GitHub, Selenium (learning), Streamlit
- **Concepts:** OOP, Data Structures & Algorithms, Multi-threading

PROJECTS

Medical Report Visualization

GitHub: [Medical Report Visualization](#)

- Developed a web application to monitor medical data using interactive charts for clear visualization. Integrated Firebase for secure user authentication.
- Built a responsive UI with Streamlit, enabling real-time data analysis through dynamic graphs.

Orbion - Ball Adventure

GitHub: [Orbion - Ball Adventure](#)

- Orbion – Ball Adventure: Designed an immersive 3D physics-based puzzle game with engaging level design and interactive mechanics.
- Optimized performance to improve load times by 10% and implemented smooth, responsive controls for an enhanced gameplay experience.

CERTIFICATIONS

JavaScript 20 Projects in 20 Days HTML, CSS & JavaScript , Udemy

[View certificate](#)

- Completed a certification in JavaScript, building 20 projects in 20 days to enhance front-end skills with HTML, CSS, and JavaScript. Gained practical experience in developing interactive and dynamic web applications.

Hands-On React. Build advanced React JS Frontend with expert , Udemy

[View certificate](#)

- Completed a certification in React JS, mastering advanced concepts like hooks, state management, and scalable app development. Gained practical experience in building dynamic, high-performance web applications.

EDUCATION

B.Tech in Computer Science Engineering

Dec 2020 - jun 2024

Shri Ram Institute of Technology, Jabalpur

SOFT SKILLS

- Strong problem-solving mindset
- Quick learner with a hunger for knowledge
- Collaborative team player