

HARSHVARDHAN TIWARI

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WORK EXPERIENCE

Application Developer Intern , Mastek

Jan 2024 - March 2024

- Developed and tested Java-based applications, improving system efficiency.
- Worked with REST APIs, integrating backend functionalities.
- Optimized database queries using PL/SQL, reducing execution time by 15%
- Followed Agile methodologies, delivering all assigned tasks on time.

SKILLES

- **Programming Languages :** Java , JavaScript, C++, Python, PL/SQL
- **Front-End Development:** React JS, HTML5, CSS3, Responsive web Design
- **Back-End Development:** REST API development, Spring Boot(beginner), Firebase, Oracle Database, MySQL
- **Version Control:** Git, GitHub, Selenium (learning)
- **Core Concepts:** Data Structures Algorithms, Object-Oriented Programming (OOP) , Multi-threading

PROJECTS

Medical Report Visualization

- Built a web application for tracking medical data through interactive graphs.
- Implemented user authentication using Firebase.
- Visualized trends over time with various graph types (line charts, bar charts, etc.).
- Deployed a smooth and responsive UI using Streamlit.

GitHub: Medical Report Visualization

Orbion - Ball Adventure

- Developed an immersive 3D adventure game with physics-based puzzles.
- Optimized performance, reducing load times by 10%.
- Created smooth gameplay mechanics for a better user experience.

GitHub: Orbion - Ball Adventure

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 with excellent time-management skills
- Good documentation and presentation skills