Vaibhav Dwivedi

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Skills

Frontend: React JS,JavaScript, HTML5, CSS3, Terra, REST APIs
Backend: Java, Spring Boot,Spring Data JPA, Hibernate, JPA
Database Technologies: Oracle SQL, MySQL
Protocols and Standards: SMART on FHIR, RESTful APIs
Testing and Tools: JUnit, Mockito, Jest, WebDriverIO, Eggplant, Splunk, Jenkins, Docker
Build Tools: Maven, Webpack
Version Control: Git, Subversion

Work Experience

Oracle, Bangalore   May 2021 - Present

Software Developer

As a key member of the Oracle Millennium IAM team, I develop and maintain authorization solutions for Oracle Millennium applications. Key contributions include:

- Implementing and maintaining Java and JavaScript projects to enhance authorization on the Oracle Health Millennium platform.
- Contributing to technical design efforts and reviewing cross-team initiatives, improving collaboration across various focus areas.
- Collaborating closely with product teams to ensure seamless integration of authorization features across applications.

Projects

Role Selection App

- Developed a role selection app to enable role-based login for web applications, supporting role-based access control across Oracle Health web platforms.
- Integrated SMART on ALVA (FHIR alternative) standards to enable seamless healthcare data exchange, improving interoperability across healthcare providers.
- Technologies used: HTML, CSS, JavaScript, ReactJS, SMART, and FHIR.

Org Security Policy

- Developed an EJS client API to onboard 100k users to the new policy.
- Enhanced an desktop application using Eclipse RCP and JFace frameworks for EJS client API.
- Automated testing using Eggplant for improved stability across different environments.
- Technologies used: Core Java, Eclipse RCP, JFace, Eggplant, Oracle SQL.

MSVC Security

- Achieved a 25.84% performance boost for a critical API by optimizing memory allocation and garbage collection strategies.
- Analyzed and optimized memory allocation patterns and garbage collection strategies to reduce overall system overhead.
- Technologies used: Core Java.

Patient Registration App

- Developed a web application for managing patient registration and observations.
- Integrated user authentication with detailed CRUD functionalities for patient records.
- Technologies used: Core Java, SpringBoot, MYSQL, React JS.

Education

Lovely Professional University, Punjab   Aug 2017 - Jun 2021
B.Tech in Computer Science and Engineering   *CGPA: 7.012/10*
Relevant Coursework: Object Oriented Programming, DBMS, Data Structures and Algorithms, Operating Systems, Computer Networks