Diviyaiswariya Kasiviswanathan

Full-stack developer with hands-on experience building scalable, user-centered web applications using React, JavaScript, Spring Boot, and MySQL. Leveraging a background in Quality Assurance to write clean, reliable code with strong attention to detail and a deep understanding of testing and debugging best practices. Committed to continuous learning and contributing effectively to collaborative development teams.

CONTACT

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SKILLS

Operating systems: MAC, Linux, Windows

Languages: Java, Javascript, HTML5, CSS

Framework: Spring Boot, React

DevOps Tools: AWS, GITHUB

SQL: MySQL

Methodology: Agile and Waterfall

Skills: Functional Testing, Integration Testing, Database Testing, Data Driven Testing, API testing.

Defect Tracking: Jira, HP Quality Center

EDUCATION

LaunchCode – Software Development Course, August 2025

Bachelor of Engineering in Computer Science (B.E.)
2004 – 2008
M.P. Nachimuthu M. Jaganathan Engineering College, Tamil Nadu, India

HONORS & AWARDS

ACE of the Month Award for Outstanding Contribution in the project.

Significant Highlights

- Developed full-stack web application using **Spring Boot, React and MySQL**, demonstrating end-to-end development capabilities.
- Built and consumed **RESTful APIs** in Spring Boot, implementing controller, model, and service layers to process user actions.
- Implemented **controller classes, data models, and service logic** in **Java** to support full-stack features and API integration.
- Utilized **JPA and Hibernate** for ORM, enabling efficient and consistent database operations within the application.
- Created responsive, mobile-first layouts using **CSS media queries and Flexbox**, optimizing UI across all devices.
- Proficient in **JavaScript** (DOM manipulation, conditional rendering, array methods, event handling), and frontend frameworks like **React** and **React Router**.
- Implemented modular, **component-based architecture** and seamless navigation using useNavigate for maintainable code.
- Developed complex SQL queries and performed data validation using **MySQL** for both development and testing.
- Experienced in **functional, regression, smoke, and API testing**, with extensive use of **Postman** and manual test execution.
- **Background in QA/BA**, with a strong track record translating business requirements into testable code and clean user experiences.
- Hands-on experience across all phases of the **SDLC and STLC**, working in both **Agile and Waterfall environments.**
- Conducted detailed root cause analysis and defect management, suggested and documented solutions to improve **product quality and user experience.**
- Actively contributed to all phases of the Agile lifecycle, including **sprint planning, daily standups, sprint reviews, and retrospectives.**
- Created and maintained **test cases, checklists, BRDs, and FRDs**, ensuring alignment with stakeholders and product goals.

Easy Pharma Finder Project — LaunchCode Capstone Project
Easy Pharma Finder is a user-friendly platform designed to help individuals easily compare prescription medication costs at nearby pharmacies. By factoring in insurance copayments, deductible statuses, and refill times, our tool ensures that users get personalized and up-to-date pricing information. This makes it easier for insured users to make informed decisions and avoid unexpected costs when purchasing medications.

Responsibilities/Accomplishments:

- Developed a **full-stack web application** using **React (frontend)** and **Spring Boot (backend)** to help insured users locate nearby pharmacies and view real-time, personalized medication costs based on their insurance coverage — reducing manual price checks and support calls.
- Built and secured RESTful APIs in **Spring Boot**, handling **session-based authentication** using **username/password login** and **authentication tokens**, enabling secure and personalized access to user data.
- Implemented a **multi-page React frontend** with dynamic routing, rendering medication cost breakdowns based on authenticated user data retrieved via secure API calls.
- Managed and served **sample pharmacy and prescription data** through **Spring Boot controllers**, exposing it as structured **JSON** to the React frontend.
- Applied **JPA and Hibernate** for efficient **ORM**, ensuring consistent and scalable interaction with the MySQL database.
- Utilized React's **useState** and **useNavigation** hooks to manage and pass dynamic form data across components, ensuring seamless user flow.
- Ensured mobile responsiveness across devices using **CSS media queries**, enhancing accessibility and user experience on phones, tablets, and desktops.

Employer: Tee3apps – Junior Testing Consultant
June 2023–August 2024
Project: Xappie
The objective of this project is to provide video content in OTT platform and news content about cine industries. API validation and performance testing is performed on the video content and mobile application APIs. Performed **manual testing** on the **news & CMS platform**, identifying and logging issues using **JIRA** for timely resolution.

Responsibilities/Accomplishments:

- Created and managed test data for different scenarios using **SQL**, improving test coverage and accuracy.
- Involved in **preparation of test data**.
- Execute the scripts and report bugs in defect tracking tools like **JIRA**. Document the necessary information in **Confluence**.
- Developed and maintained a comprehensive suite of automated test scripts using Selenium WebDriver, improving test coverage and reducing regression testing time by 40%.

Employer: Hexaware technologies, India – Senior Quality Engineer
Sep 2009 – Dec 2013
Project: Takeda Aggregate Spend
The objective of this project is to develop a system that maintains and tracks various expenses incurred by Takeda Pharmaceuticals for Health Care Professionals (HCPs) and Health Care Entities (HCEs). The system will provide an interface for the sales and product team to upload their expenses. The RADS Spend Tracker application will accept expense data, process it within the system and generate state compliance reports.

Responsibilities/Accomplishments:

- Collaborated with stakeholders to understand project requirements and acceptance criteria.
- Developed a comprehensive test plan that outlines the scope, approach, resources, and schedule for testing activities.
- Designed and documented detailed test cases based on requirements and user stories.
- Performed various types of testing like functional, usability, compatibility, **performance testing**, security as required.

Project: Global Pricing
This project utilizes CEQ, a multichannel selling and configurator software, to automate manual pricing processes. It leverages healthcare data to help clients make strategic, data-driven decisions and gain a competitive edge through market analysis. The IMS global pricing project aims to tailor product and service pricing to customer needs, apply business benefits, and generate detailed quotes.

Responsibilities/Accomplishments:

- Ensured coverage of all critical functionalities, including pricing calculations, quote generation, and integrations.
- Worked closely with cross-functional teams, including development, project management, and business analysts, to ensure alignment on quality objectives.
- Prepare test cases and test data that accurately represents real-world scenarios, including various service types and customer profiles.
- Identified and tracked defects using a bug tracking tool using **HP Quality Center.**
- Verified that the data stored in the **XML** file matches the expected values based on requirements.
- Checked for the presence of required elements and attributes.

Project: Proposal Generation

The main purpose of this project is to create a sales proposal system that presents data in a user-friendly report format. Business users generate various quotes within the IMS **Salesforce environment**. The system creates four types of reports: Discount Analysis, Pricing Extract, Market Definition, and Detailed Quote Structure. These reports are deployed in the Salesforce cloud, allowing users to dynamically generate reports based on sales quotes.

Responsibilities/Accomplishments:

- Executed the **manual test scenarios** bi-weekly, resulting in a steady release cadence with less than 2% rollback incidents.
- Test the user interface for generating reports to ensure it is intuitive and user-friendly.
- Created detailed test cases based on user stories and requirements, covering scenarios such as generating quotes in the Salesforce environment, validating data retrieval from the XML file.
- Measured response times for report generation and data retrieval as part of the performance testing process.
- Support end-users during UAT by providing guidance and ensuring that user feedback is documented and addressed.
- Collaborated with the development team to ensure the test environment is properly configured and reflects production settings.