

Kevin Le

Minneapolis, MN — Open to Relocation

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Summary

Software Developer in Test with experience in automating test, full-stack web development, and software design. Excel at collaborating with development teams to enhance continuous integration practices and improve software reliability. Proficient in Java, JavaScript, and a range of testing frameworks. Focused on delivering high-quality software solutions that prioritize customer experience.

Experience

Royal Bank of Canada

Jun 2022 – Jun 2024

Software Developer in Test (Contract through Genesis10)

Minneapolis, MN

- Developed and maintained 500+ automation scripts using **Java** and **Selenium** to support backend validation and UI functionality as part of the development pipeline.
- Assembled 20-30 automated test scripts per sprint, contributing to a **regression** suite of 300+ tests that supported **CI/CD** and minimized defect leakage throughout the app migration from PCF to OCP.
- Engineered **Jenkins** pipeline integrations to support automated test executions, CI/CD deployment verification, and quality gates, reducing feedback loops by 30%.
- Collaborated with performance engineers to execute load testing by simulating high-traffic conditions (10 dummy users executing 500 transactions/hour), uncovering potential bottlenecks.
- Developed scripts to validate scheduled file transfers and data pipelines, ensuring 100% uptime and accurate data exchanges between systems.
- Facilitated **UAT** sessions with 7 business partners across 2 departments, documenting 100+ test scenarios and capturing feedback that led to 20+ enhancements pre-launch.
- Engineered full-stack automation suites covering REST APIs, UI flows, and backend validations, reducing release cycles by 60%.
- Incorporated **white-box**, **black-box**, and **boundary value analysis** testing methodologies, increasing test coverage by 50% and identifying 200+ defects, leading to a 20% improvement in product stability.
- Documented testing processes, test cases, and outcomes using tools like **JIRA** and **Confluence**, improving team onboarding and future test cycle efficiency by 30%.

Genesis10

Feb 2022 – Jun 2022

Software Developer Trainee

Minneapolis, MN

- Constructed 4 **full-stack web applications** using **Spring Boot**, **React**, and **MySQL**, building features such as user authentication, data visualization, and CRUD functionality while strengthening skills in **Java**, **SQL**, **JavaScript**, **CSS**, and **HTML**.
- Programmed **RESTful APIs** to enable seamless communication between front-end and back-end services, improving data flow and system efficiency.
- Used **GitHub** for version control and team collaboration across 5+ feature branches, resolving merge conflicts and maintaining consistent code quality through peer reviews and pull requests.
- Developed proficiency in **DevOps** principles, using Jenkins and Docker for containerization and deployment, accelerating application delivery.

Technical Skills

Languages: Java, JavaScript, Python, C, C++

Web Development: React.js, Spring Boot, Express.js, jQuery, Node.js, Bootstrap, Tailwind CSS

Developer Tools: Docker, AWS, Jenkins, Maven, Git, Selenium, JUnit, TestNG, Postman,

Database: MySQL, MongoDB

Certifications: ISTQB Certified Tester Foundation Level (2024) and Conformiq Creator Green Belt (2022)

Education

University of Minnesota - Twin Cities

Bachelor of Arts in Computer Science

Sept 2018 – Dec 2021

Minneapolis, MN