Justin Jarosz

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Dynamic and adaptable software engineer with a strong focus on solving complex problems and delivering innovative scalable solutions. Skilled in navigating fast-paced environments and quickly adjusting to new technologies and requirements. Committed to continuous improvement and collaborating with teams to build scalable, high-performance systems that drive business success.

Skills

Back End	Java, Spring Boot, Python, PostgreSQL, MongoDB
Front End	React, HTML, Tailwind, TypeScript, JavaScript, Next.js
Testing	JUnit, TestNg, Pact, Gherkin, Cucumber
Tools	GitHub, Testrail, Kubernetes, Docker, Agile, Microservices, Redis, RabbitMQ, Kafka, Datadog
Cloud	AWS (EC2, RDS, Kafka, ELB), GCP (GKE, Cloud SQL, Cloud Logging)
Soft Skills	Communication, Time Management, Collaboration, Adaptability, Multitasking

Experience

Technical Lead - Pod Work
11/2024-02/2025

FDM Group

- Developed and optimized user registration journey to smoothly onboard customers, reducing sign up by 30%.
- Coordinated with other consultants to evaluate business requirements and propose scalable technical solutions within Spring Boot and React.
- Conducted rigorous code reviews, ensuring high code quality standards and promoting a culture of best practices, resulting in reduced bug rates and team collaboration.
- Provided technical leadership of a team of 4 engineers, resulting in consistent on time delivery each sprint.

Back-End Software Engineer
07/2023-11/2024

Contractor at Bullish LLC - FDM Group

- Develop scalable code in Java Spring Boot MVC framework, enhancing system stability and performance.
- Introduced API key configuration, leading to an 80% reduction in the creation of new keys.
- Performed extensive testing through Unit, Pact, Regression, and Manual testing to ensure high quality code.
- Designed, developed, and optimized complex SQL queries utilizing Common Table Expressions (CTEs), subqueries, window functions, and aggregate functions for advanced data transformation and reporting.
- Employed Flyway for version-controlled database migrations, automating schema changes and data insertion, ensuring consistent and reliable database updates across development and production environments.
- Utilized Docker to containerize microservices and manage container images across environments.
- Troubleshooted containerized applications on Google Kubernetes Engine (GKE), optimizing reliability and resource utilization while resolving errors and ensuring system stability.
- Collaborated with front-end developers to seamlessly integrate REST APIs, optimizing the end-user experience and enhancing application performance.

Test Automation Engineer
07/2021-07/2023

Contractor at Bullish LLC - FDM Group

- Reduced the successful regression build time by 50%, resulting in a 40% cost optimization.
- Optimized test suites for a 35% success rate boost, enhancing reliability and efficiency.
- Modernized over 900 tests from TypeScript to Java, enhancing collaboration, scalability, and reliability in testing.
- Troubleshoot build failures via GCP logging, minimizing downtime and speeding issue resolution.
- Implemented dashboards within Grafana and Datadog to track test performances and alert failures.
- Integrated the TestRail API to streamline manual QA processes and reduce release cycle times by 20%.

Education

Rowan University
Bachelors in Computer Science | Minors in Mathematics, Law & Justice