

Justin Jarosz

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Summary

Results driven Backend Software Engineer with over three years of experience building reliable, scalable server side applications and APIs. Documented success designing and implementing microservice architectures and database optimization using Spring Boot. Self starter and highly motivated to learn and work with new tools and technologies. Proven ability to contribute within the Software Development Life Cycle to deliver backend solutions that enhance user experience in a fast paced environment.

Skills

- **Back End:** Java, Spring Boot, Python, PostgreSQL, MongoDB, gRPC, Hibernate, Flyway, Maven
- **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, Grafana, Terraform
- **Cloud Environment:** AWS (EC2, RDS, Kafka, ELB), GCP (GKE, Cloud SQL, Cloud Logging)
- **Soft Skills:** Communication, Time Management, Collaboration, Adaptability, Multitasking

Experience

Technical Lead

Nov 2024 - Feb 2025

FDM Group

- Led a team of 4 engineers that developed and maintained frontend and backend applications using Visual Studio Code and IntelliJ, leveraging JavaScript, React, HTML, CSS, Java, and Spring Boot to build responsive and scalable solutions.
- Developed and optimized user registration journey to streamline customer onboarding, reducing sign up by 30%.
- Collaborated with Product Owners, Scrum Masters, and cross-functional development team in Agile ceremonies including daily stand-ups, sprint planning, retrospectives, and backlog grooming to ensure spring deliverables met requirements and timelines.
- Conducted rigorous code reviews, ensuring high code quality standards and promoting a culture of best practices, leading to reduced bug rates and enhanced team collaboration.

Backend Software Engineer

Jul 2023 - Nov 2024

Bullish LLC

- Designed and implemented scalable microservices using Java, leveraging event-driven architecture with RabbitMQ to enable asynchronous communication and improve system decoupling and resilience.
- Implemented and enhanced customer capabilities to comply and ensure compliance regulations.
- Collaborated with cross-functional teams to integrate RESTful services in Spring Boot to provide stateless communication.
- Introduced API key configuration, leading to an 80% reduction in the creation of new authentication keys.
- Executed extensive testing including Unit, Pact, Regression, and Manual tests to validate code quality.
- Designed, developed, and optimized complex SQL queries utilizing Common Table Expressions (CTEs), subqueries, window functions, and aggregate functions for advanced data transformation and reporting.
- Containerized microservices with Docker, streamlining image management across environments.
- Analyzed containerized applications on Google Kubernetes Engine (GKE), enhancing reliability and resource utilization.

Test Automation Engineer

Jul 2021 - Jul 2023

Bullish LLC

- 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.
- Diagnosed 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