

Brendan P. Robert

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TECHNICAL PROFICIENCIES:

Java, Kotlin, SpringBoot, REST, SQL (Postgres, MySQL, MongoDB), Cloud Services (AWS, GCP), Docker, Kubernetes, Git, Linux, Postman, JUnit, Python

SR. SOFTWARE ENGINEER | ThisWay Global | 2023 - 2024 (*Company-wide lay-offs*)

- Developed an integration with Bouncer, a third party email address testing api, to test a subset of our candidates for email address legitimacy. This involved writing a new SpringBoot Kotlin microservice that integrated into both third party apis and legacy code. This reduced our email bounce rate from 65% to 85%
- Led an initiative to modernize the legacy codebase, increasing our unit test coverage from 0% to 85%. I also implemented a build-time linter which enforced consistent formatting and issued warning for “code smells” such as methods having more than 5 parameters

SR. SOFTWARE ENGINEER | Mission Lane | 2021 – 2023 (*Company-wide lay-offs*)

- Designed and developed Kotlin and Java 17 Spring Boot REST microservices from scratch, integrated with a flyway Postgres DB, Google Cloud Platform (GCP), and Kubernetes/Docker for deployment. These efforts helped increase our “Credit Builder Loan” product offering from a pilot program of less than 100 users to hundreds of thousands of concurrent users.
- Wrote reusable and extensible REST wrappers on third party APIs including KYC, OFAC and other regulatory and governmental resources. These wrappers were utilized by many of our internal services.
- Worked extensively with Cloud services including GCP Pub/Sub for message queues and integrated with auditing and reporting services. Developed internal tools for managing messages in Dead Letter Queues (DLQ), including alert systems.
- Built and maintained “one-click” Postman integration and E2E test suites for rapid regression testing.
- Trained new hires and was an approachable resource for their integration with our processes and quality standards.

SOFTWARE DEVELOPER II | Vanguard | 2018 – 2021

- Led an initiative to pull out legacy monolithic code into microservices with a single responsibility, data ownership and useful documentation
- Developed Java 17 SpringBoot microservice endpoints to integrate with our “Tax Loss Harvesting” financial product.
- Utilized GIT for version control and worked in an AGILE fashion with 3-week sprints.
- Collaborated with a large team of developers on the same codebase.

SOFTWARE DEVELOPER | Evolve Ip | 2017 – 2018

- Optimized user database performance, turning a nightly ETL program from 11+ hours to less than 10 minutes using multi-threading.
- Automated billing processes, reducing manual data entry and validation by 70%.

BILLING ANALYST | Evolve Ip | NOV 2015 – JUNE 2017

- Automated billing development, eliminating 20 man-hours per week of manual work and ensuring 100% accurate billing.

Education

Bachelor of Science, Business Administration | Saint Joseph’s University Major: Food Marketing | Minor: Communications