

Joe Quattrone

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Fast-learning Software Engineer well-versed in Java, JavaScript and SQL as well as covering all test conditions. Proven ability to leverage expertise to build scalable, enterprise-grade, software.

PROFESSIONAL EXPERIENCE

Contrast Security, Baltimore, MD

Full Stack Engineer, *July 2019 - Present*

Customer Enhancements, June 2020 - Present

- + Integrated with [Pendo](#), improving the understanding of customers, resulting in better product decisions.
- + Designed a subfilter paradigm on the UI to allow users to filter in a new way, improving user experience.
- + Developed subfilter feature utilizing GraphQL and React with tests that utilize [React Testing Library](#) and [Apollo Testing](#).
- + Created RESTful APIs to expose data at the request of the customer.
- + Developed queries and service layer logic to find and process data to be exposed via API endpoints.
- + Delivered features that are important to customers in a timely manner, resulting in increased renewal rate.

Internationalization Team, April 2020 - June 2020

- + Internationalized the codebase by replacing hardcoded strings with a translation service that serves text based on a user's locale.
- + Designed a test pattern to test text in all of the supported languages.
- + Identified breaking UI changes resulting from longer text and worked with the UX team to find solutions.
- + Mentored Junior Engineers that changed teams or were recently hired.

Maintenance Team, February 2020 - April 2020

- + Implemented Java Messenger Service (JMS) pattern to create queues that render in-app notifications asynchronously, improving performance by 20 percent.
- + Investigated bugs and created Jira tickets with detailed descriptions to help developer understanding.
- + Solved various bugs in the Frontend and Backend of the code base.

PDF Report, September 2019 - January 2020

- + Developed a proof of concept (POC) for a PDF report using [Flying Saucer](#) and [Thymeleaf](#), which was accepted by management.
- + Collaborated with UX to internationalize (i18n) the PDF so that it can support multiple languages.
- + Queried data with Hibernate, processed it in the Spring service layer, and displayed it in the PDF via Thymeleaf templating.
- + Visualized data using [Jfreechart](#) to create barcharts, stacked-barcharts, and donut charts in Java.
- + Lead the 4 month effort to create the PDF report, which was deemed "A huge success" by the company's CEO.
- + Introduced 0 bugs or defects into production.

Onboarding, July 2019 - September 2019

- + Familiarized with the tools and processes of the company.
- + Improved user access control by adding logic to verify access before sending data to users.

Tests, All application code is accompanied by tests

- + Java - JUnit, TestNg, Mockito, Spring Testing Framework, Rest-Assured and other tools.
- + React - React Testing Library, Apollo Testing, Jest, Snapshots, and other tools.

TECHNICAL SKILLS

Languages: Java, Typescript, GraphQL, SQL

Frameworks: Spring/Hibernate, React/Redux, AngularJS

Tools: Jira, Github, Bitbucket, Amazon Web Services, Sumo Logic, New Relic, SQL Server

EDUCATION

Towson University

- + Bachelor of Science in Business Administration, concentration in Finance, 2017

Flatiron School

- + Full Stack Web Development, Ruby on Rails and JavaScript program, 2019