

Matthew M. Stratton

Software Engineer

contact

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programming

ActiveMQ, Ansible, Docker,
Groovy, Java, JavaScript,
Liquibase, Mutual TLS,
Openshift, Puppet, Python,
Relational Databases
(Mariadb, Oracle,
PostgreSQL), RESTful
Services, Spring, Spring
Boot

professional interests

system design,
automation(CI/CD),
containerization, scalability

personal interests

cooking, reading, video
games, board games, sitting
smugly in coffee shops,
D&D, sustainability

favorite band (currently)

We Were Promised Jetpacks

quote

"Baley distrusted
overstatement and had no
liking for the armchair
deducer who discovered
certainty rather than
probability in the workings of
logic." - Isaac Asimov The
Naked Sun

education

2008-2012

Bachelor of Science Computer Science

Clemson University

Focused on software engineering: mobile apps, database design, software engineering, web development

current role

Jan 2018-Present

Red Hat, Inc

Raleigh, NC

Senior Software Application Engineer

Java engineer on the Enterprise Services Platform team. Member of a small team of Sr developers developing and maintaining crosscutting services and providing standardized libraries and patterns to enable other teams to work more efficiently

Technologies: Spring Boot, Openshift, Docker, Mutual TLS, ActiveMQ, Swagger, and most tech from previous role

- subject matter expert on ActiveMQ and JMS messaging
- lead upgrade of UMB from JBoss AMQ to Spring Boot + Upstream ActiveMQ, including opensource contributions to upstream
- ongoing migration of legacy rest services running Java 6 on JBoss to Java 8 Spring Boot applications running on Openshift (Docker deployments)
- implementation of CI/CD pipelines for application builds, testing and deployment
- implemented new REST service to aid in tracking and granting access requests
- champion for documentation and developed open source tooling to integrate markdown documentation with internal document CMS

previous roles

Aug 2014-Dec 2017

Red Hat, Inc

Raleigh, NC

Software Application Engineer

Java engineer on Red Hat IT's ESB team developing and maintaining a traditional Enterprise Service Bus and a company wide messaging platform handling around 50 million messages per month from well over 100 applications

Technologies: Java, Python, Groovy, Puppet, Ansible, Spring, Oracle, MongoDB, MariaDB, REST, collectd/graphite

- upgraded ESB technologies from JBoss 4 messaging to JBoss EAP 6 utilizing Apache Camel and JBoss AMQ 6.2
- lead implementation of a general messaging platform using for quick, decoupled messaging for any applications within Red Hat
- implemented a monitoring solution to collect metrics and alert on the health of over 100 hosts
- work with other teams to integrate systems with ESB including message validation, transformation, enrichment, a canonical data model and robust error handling

Jan 2013-Aug 2014

Premier, Inc

Charlotte, NC

Java Developer

Back end Java J2EE server RESTful application dev using Spring, Hibernate, Maven and other industry standard enterprise tool

Technologies: Java, Javascript, Spring, Hibernate, JDBC, Maven, Liquibase, JBoss EAP, Git, Postgresql, Oracle

internships

Aug 2012-Dec 2012 **Clemson University Social Media Listening Center** Clemson, SC
Programming Intern
Worked with professors and students to create a tool for downloading large datasets from Salesforce.com
Technologies: C#, Visual Studio 2010, Python, Salesforce.com REST api

May 2012-Aug 2012 **Condrey Corporation** Greenville, SC
Software Development Intern
Worked with business to create proof of concept desktop based data visualization dashboard and mobile admin app
Technologies: C#, Visual Studio 2010, ActionScript, Adobe Flex Framework

honors & certifications

360 Project Team Award	2015
Oracle Certified Associate, Java SE 7 Programmer (1Z0-803)	2014
Premier Team Excellence Award	2014
South Carolina Life/Enhanced Life Scholarship	2008-2012
Eagle Scout	2007