Matthew Mulligan

Summary:
Senior Software Engineer with over 10 years of full-stack JAVA experience with an emphasis on creating secure applications. I have administered a Hadoop cluster, installed and configured a full J2EE stack (web, app, and DB servers), managed a department of 26, and developed multiple applications from start to finish. Fun and collaborative team member that is willing to contribute in any way I can.

Skills:

Leadership Skills: Strong communication skills and excellent problem-solving.

Exceptional Computer Skills: Programming, Operating Systems, Networking and infrastructure, and Big Data and Analytics

Languages: JAVA, PHP, Perl, Shell, JMS, JavaScript, Groovy, AJAX, and HTML/CSS

Libraries/Frameworks: Spring, JBoss Seam, JSF, Richfaces, Hibernate, Bootstrap, JQuery, and Angular

Database Servers: MySQL, Oracle, PostgreSQL, MSSQL, and Hortonworks Data Platform

Hadoop: Hive, HBase, MapReduce, Sqoop, NiFi, Pig, and Oozie

Applications Used/Administered: Jira, Bitbucket, Bamboo, Confluence, Jenkins, Solr, GIT, SVN, AccuRev, Eclipse, and Memcached

Employment:

Senior Software Engineer
Dealer.com
08/2018 - Present
Burlington, VT

- Works on a team responsible for moving our application from our managed data center to the AWS cloud.
- My team is responsible for website monitoring and uptime as well as disaster recovery and business continuity.
- Works with multiple teams to facilitate the adoption of the new platform as well as receiving input for future enhancements.
- Leveraged multiple technologies and languages to accomplish our goals.

Software Engineering Manager
Demoulas Super Markets, Inc.
08/2015 - 07/2019
Tewksbury, MA

- Managed a department of 24 developers and 2 DBA's
- Developed a plan to replace the companies 40-year-old COBOL ERP mainframe application in 6 years.
- Replaced an aging homegrown project management system with JIRA by implementing custom workflows and standardizing the process for the development team.
- Standardized all teams on the same version control system which enabled for full visibility from start to finish on all code changes.
- Implemented a mandatory code review on all code changes reducing the number of bugs down from 15 a month to 5.
- Started the companies data analytics initiative by standing up an on-prem Hadoop cluster, utilizing the Hortonworks Data Platform, and replacing a 15-year-old analytics platform that was able to reduce a user's time from 2 hours a day down to 30 minutes.
- Involved in a multi-million dollar hardware & software decision that will impact the company for 15+ years.

Senior Software Engineer
07/2013 - 07-2015

Aware, Inc.   Bedford, MA
- Developed an API to analyze over 500,000 biometric images an hour for quality and usability. It was able to analyze all 3 modalities finger, face, and iris. Stored the data into a star schema for use in the report engine.
- Worked with a team of 8 to develop a system used by the Marines overseas. The system was used for the Biometric identification of enemy combatants as well as being used to enroll applicants and control access to sensitive areas on base.
- I was in charge of 4 active projects with the autonomy to make business decisions when needed.
- Created a pay by transaction system, used by banks in Brazil, to prevent fraud. It needed to securely register new biometric stations as well as control and limit the number of transactions a particular bank was allowed to process.

Lead Java Engineer   04/2009 - 07/2013
Demoulas Super Markets Inc.   Tewksbury, MA
- The lead engineer responsible for creating an employee self-service application for managing direct deposit information. Requirements included field-level encryption of sensitive data and setup of a DMZ to segregate the application from our internal network.
- Led development team on the companies first Java application. This was the start of an initiative to replace the companies existing legacy environment into the web.
- Developed in house application management tool for a legacy framework. Written in PHP and Perl the application was able to save over 6 months of analysis, development and process management on major framework changes.

Education: **Johnson & Wales University**   Providence, RI

B.S. Web Management and Internet Commerce   Received Cum Laude: 05/07
A.S. Web Site Development   Received Cum Laude: 05/05

Awards: School of Technology Computer Graphics and New Media Faculty Award
School of Technology Faculty Scholarship Award
Inducted into The Silver Key Honor Society
School of Technology Computer Graphics Department Student Leadership Award