Jeremiah Pierucci

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Qualifications

More than thirteen years of experience testing, developing, supporting, troubleshooting, and maintaining enterprise applications and websites. I make applications better, faster, and more reliable!

My experience is wide ranging including feature development, devops work, site reliability improvements, and production support. I have managed many initiatives such as moving into new data centers, converting REI.com from Websphere Ecommerce Suite to Jboss, and later converting REI.com to run in Docker.

Education

BS Computing & Software Systems, 2003
University Of Washington

AAS
Pierce Community College: Tacoma, WA

Training

AWS Architecting - Associate Course

Awards Received
- Anderson Award, 2005, REI
- Customer Service Appreciation Award, REI.
- Outstanding Achievement Award, Phoenix Masonic Education Council

Work Experience

Principal Software Engineer
March 2016 - Present, Recreational Equip. Inc.
Kent, WA

- Developed and and now lead Site Reliability team
- Interviewing of candidates for Site Reliability team as well as other software engineer positions
- Support and operations training for new employee onboarding
- Platform work creating tools for scrum teams to use so they can be successful and efficient at REI.
- Led REI.com effort to move into two new data centers. Included over 250 servers, 70 services, and coordination between eight scrum teams.
- Site Reliability work supporting a website with code being deployed up to 12 times a day.
- Strong leader of agile practices. Scrum master.
- Vendor coordination with companies such as New Relic, Akamai, Soasta, and others.

- Some technologies: New Relic, AWS, Elasticsearch, Logstash, Kibana, Graphite, Grafana, Docker, Jenkins, Soasta mPulse, Nagios, Gatling, Hystrix,Akamai CDN, WAF, F5 LTM, AWS

Senior Software Engineer
July 2005 - March 2015, Recreational Equip. Inc.
Kent, WA

- Led REI.com effort to move REI.com from a home grown data center at AHQ to a data center Las Vegas
- Led effort to convert REI.com off of Websphere Application Server to Jboss EAP 6. Cutover was completed with zero down time and only a one minor customer facing issue.
- Specialized in system stability, tuning, and performance.
- Stabilized a website that had weekly downtime. Last software related outage was 2 years ago.
- Increased performance of site. Went from bottom 10% of google paid search sites to top 40%
- Jboss EAP, Websphere, Tomcat, Httpd, Oracle RAC, Java, Groovy, CQ5, Hibernate, Spring, Apache, SQL Server
- JVM analysis and tuning, JMeter, Load Runner, JMX, VisualVM, Firebug, Fiddler, New Relic, Akamai Site Accelerator, Foglight.

Software Analyst III
2003 - July 2005, Recreational Equip. Inc.
Kent, WA

- Retail Systems support and software development in a mixed AS/400, Sun, Windows environment.
- Supported and developed in RPG IV, CL, JSP, Java, JavaScript, VB, C++, VB.net, C#, Crystal Reports, Workbrain

QA Software Engineer and REI Internship
2003 Recreational Equip. Inc: Federal Way, WA

- Designed and created an ASP/Javascript application for the REI Help Desk that interfaced with multiple databases including Access and Oracle.
- Tested multiple projects for the REI online site including gift boxing and gift registry. This included writing custom Java programs for testing and writing SQL scripts for testing purposes.