Curriculum Vitae - Rafael M. Pestano

Rafael Pestano

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Software Engineer / Developer

I'm a **Software Engineer/Developer** who works on **Java EE** platform and related technologies.

I like to focus my work on coding/testing, deal with infrastructure (devops), prospecting new technologies, evangelizing and sharing knowledge with teammates and community.

I have a bachelor degree of Computer Science and I am a Software Developer since **2007**.

I'm actually working as a software engineer at PROCERGS.

I am very passionate about IT and Open Source and I contribute to Open Source projects in many ways.

I attend and speak at conferences on **Java EE**, like The Developers Conference and I also engage with community.

I blog about Java EE and related technologies on my personal blog.

I'm mainly working with Java enterprise web related technologies for about 10 years, I have experience with agile methodologies and strong background on testing.

Main interests

- Java EE

- Open source

- Agile methodologies

- Testing (junit/Arquillian/BDD)

- Continuous Delivery

- SOA / Microservices

- Docker and containers related technologies

- Documentation (Asciidoctor)

- Functional languages (Kotlin/Groovy)

- Cloud (AWS and OpenShift)

Personal details

Name: Rafael Mauricio Pestano
WebSite / Social Media: blog / ⚙ / 🐦
Location: Porto Alegre, RS, Brazil

Professional Experience

Java EE Engineer / Developer at PROCERGS

📅 *August 2011 to Now (On going)*
👥 PROCERGS - Data processing company of the State of Rio Grande do Sul

Position

Software Engineer - Java EE - Agile - DevOps

- Create and maintain in house JavaEE based solutions for speed up internal development

- Part of a Technical team which supports 200+ developers

- Prospecting new technologies (R&D)

- Evangelizing good practice and disciplines of agile methodologies such as testing and continuous delivery

- Migration of legacy technology to service based architecture

- Helps maintain infrastructure tools like WSO2, AppDynamics, Jenkins, Sonar and Artifactory

- Develop and maintain an internal (devops) tool to help developers in *App Servers management* (deploy applications, view logs, start/stop apps, create system props etc...)

- Write documentation and blog about best practices

- Drive/help teams to build delivery pipelines on Jenkins

- Migration of legacy applications (JavaEE 5 or below) to new stack (Java EE 7)

- worked 3 years (2011-2014) in internal software factory using scrum

Used technologies

- JavaEE 6/7 stack (mainly EJB, CDI, JSF, JPA/Hibernate)

- Primefaces / Richfaces

- Arquillian / Cucumber / Selenium / Junit (tests)

- Asciidoctor (Documentation)

- Swagger (REST API)

- JBoss EAP 6/7 (application server)

- SVN/GIT

- OracleDB/Postgres

- Redmine/TFS

- MAT (Memory analyser Tool)

- Jenkins

- Sonar

- WSO2

- AppDynamics

- Artifactory

Java Developer at AdvancedIt

📅 *November 2010 to August 2011*
👥 AdvancedIt - Intelligence in information technology

Position

    Java Developer

Used technologies

- Spring 3.x

- Hibernate 3.x

- JSF 1.1

- Richfaces

- Maven

- OC4J and tomcat application servers

- Nexus

- MyEclipse IDE

- Jasper reports

- OracleDB

Java Developer at e-Core

📅 *April 2010 to November 2010*
👥 e-Core - Atlassian platinum partner

Position

    Java Developer

- Worked customizing Atlassian Jira issue tracker for various clients

- Developed a JavaEE 5 JBoss Seam based web application

- Mercurial VCS

Used technologies

- JavaEE 5

- Hibernate 3.x

- JSF 1.2

- EJB 3
- Richfaces
- Jboss Seam
- Ant
- Jboss 5 application server
- Eclipse IDE
- mercurial
- Jasper reports
- MySql

Java trainee at JFRS

📅 *October 2008 to April 2010*
👥 JFRS - Justiça Federal

Position

> **Java Trainee**

Research and Development of Java EE 5 and Google Web Toolkit applications.

Used technologies

- JavaEE 5 stack
- JPA (toplink)
- JSF 1.2
- EJB 3
- Richfaces
- Glassfish 3 application server
- Netbeans IDE
- svn
- Jasper reports
- MySql
- JaxWS (apache axis)
- GWT (with ExtJS)

Technical Skills

Languages and Specifications

Java SE 7/8, Kotlin, Groovy, JavaScript, JSON, YAML, CSS/Less/Sass, AsciiDoc, Swagger

Application Servers

JBoss EAP 6/7, **WildFly 8/10**, Glassfish/Payara, Bea Weblogic and Apache Tomcat/Tomee

Frameworks and Libraries

Java EE (JSF, BV, JPA, EJB, CDI, JAX-RS, Servlet, JSP), J2EE, Arquillian, JBoss Forge, **Apache DeltaSpike**, Primefaces, Gatling.

OS

Linux (**Ubuntu**/Fedora) and Windows

Databases

Oracle, Postgress, MySQL and HSQLDB/H2

Software Engineering

OOP, SOA/MS, DevOps, Design Patterns, Unit Testing, Integration Testing, BDD, **Continuous Delivery**

Tools

Eclipse, **IntelliJ**, Netbeans, Maven, JIRA, Redmine, Subversion, **Git**, **Asciidoctor**, JMeter/Gatling, Jenkins, Sonar, Artifactory, WSO2 and AppDynamics

Cloud

Openshift, travisci

ADLM

TFS

Open Source

Contribute to projects

    I contribute in different ways (code, documentation, blog, forums, conference,experimenting and opening issues) to severals projects like Asciidoctor, Arquillian, JBoss Forge and Deltaspike.

My general OSS activity can be found on Github here.

Following is notable projects I've created and maintain:

- Cukedoctor: BDD living documentation tool

- Database Rider (formerly named DBUnit Rules): Database testing tool for JUnit

- AdminFaces: A premium responsive JSF template and Primefaces theme based on Bootstrap and AdminLTE

- LastChanges: A plugin which generates rich HTML diffs for **Jenkins** builds

- RSJug: Jekyll based site for our local Jug

- Conventions framework: Academical homegrown framework based on JavaEE 6 (NOT maintained anymore).

Technical Writing

Publications

Graduation Thesis

- [Towards a Software Metric for OSGi](#) - Quality analysis in modular applications.

Blog

I frequently write blog posts at [rpestano.wordpress.com](#).

Conferences & Presentations

- TDC 2017, Porto Alegre, November 2017
  - Presented JavaEE Pipeline as code with Docker, Jenkins and Sonar
- TDC 2016, Porto Alegre, October 2016
  - Coordinated Java tracking
- TDC 2015, Porto Alegre, September 2015
  - Presented Fast Java EE development with JBoss Forge
  - Coordinated Java tracking
- TDC 2014, Porto Alegre, October 2014
  - Presented Enterprise testing using Arquillian
- Braziljs, Porto Alegre, August 2012

My presentations slides can be found here: http://rmpestano.github.io/talks/

Community

I am one of the coordinators of Java user group of Rio Grade do Sul (The first Brazilian JUG).

Languages Skills

- Portuguese : native language

- English : fluent (reading, writting); advanced (speaking)

Education

Federal University of Rio Grande do Sul, Porto Alegre, Brazil

UFRGS

📅 *2005-2014 -* **Bachelor Degree**

Personal Interests

- Sport : Football (soccer) and weight/strength Training

- TV Shows: The walking dead, Prison break, Stranger Things etc...

- New technologies, Open Source

- Family (Father of two beatiful little girls)

- Beer

- Music