

Roberto Pepato Mellado

Summary

Fifteen years of experience in software development for different industries in many technologies and platforms. Broad experience developing cloud, web and desktop systems. Broad knowledge of technologies including: Java, .NET, Python, JavaScript, Ruby on Rails, Clojure, Oracle, PostgreSQL SQL Server, Spring, Git, among others. Solid technical background and excellent interpersonal skills, working on different roles such as technical lead, developer, technical evangelist, solutions architect and project manager. Agile Coach and Scrum Master.

Seven years of experience in defining and developing GIS solutions using ArcGIS technology in web, desktop and mobile environments. Graduated with a MSc degree in Software Engineering at ITA, MBA in Strategic and Economic Project Management at FGV and BSc in Computer Science.

Select Experience

TECHNICAL LEAD / EVANGELIST FOR IMAGEM (ESRI BRAZIL)

I am in a senior developer position, responsible for leading a team of developers starting a new SaaS division in the company. The projected revenue for the first year is R\$ 3M and our team already delivered two solutions till this moment. Responsible to lead the team on all technical activities regarding our solutions design, implementation, and deployment.

LAUNCHPAD PROJECT

Launchpad is a mobile application that enables kiosk mode for windows mobile devices. It controls many aspects of the device like communication radios, blocked keys and applications, etc.

The application has been successfully deployed and used on thousands of devices, enabling many customers to achieve fine-grained control on device capabilities.

ROX PROJECT

Rox is a distributed system developed (web, deskto and mobile) that enables the processing of aircraft fuelling transactions.

The system is used on daily operations of Raízen (<http://www.raizen.com>) to collect data about fuelling transactions, process them and integrate them into the back-end solutions that will manage invoices and payments.

Education

Universidade São Judas Tadeu
Bachelor's Computer Science 1999 – 2002

Instituto Tecnológico de Aeronáutica - ITA
Master of Science (MSc) IT - Software Engineering 2010 – 2015
*Research Areas: Software Engineering, Software Maintenance, Software Development
Productivity, Agile Methods, Testing*

University of California San Diego
Big Data Specialization Big Data Integration and Processing 2016

Key topics:

- * *The role of big data modeling and management as a precursor to integration and processing;*
- * *Basic concepts in big data integration and processing;*
- * *Storing and querying structured, semi-structured, and unstructured data;*
- * *Storing and querying with PostgreSQL and MongoDB;*
- * *Analyzing data with Pandas, Splunk, and Spark;*
- * *Working with Spark SQL, Spark Streaming, Spark MLLib and Spark GraphX.*

Select Certifications

Coursera Course Certificates

Programming Mobile Applications for Android Handheld Systems: Part 1
Programming Mobile Applications for Android Handheld Systems: Part 2

ESRI

Esri Certified Enterprise System Design Associate 10.2

Select Publications

“A Software Framework for Identifying the Law of Demeter Violations”

Apr 12, 2015

Proceedings of the 12th International Conference on Information Technology: New Generations
(ITNG) 2015, Las Vegas, NV, USA

“An Empirical Analysis of eXtreme Programming Practices and its Impact on Software Quality
Metrics”

Jun 29, 2011

2º Workshop Brasileiro de Métodos Ágeis (WBMA), Fortaleza, CE, Brasil