Rafael Campos Jonas

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Profile

Software Engineer with a robust background in analysis and development.

Passionate about crafting scalable big data applications and harnessing cloud and AI technologies to deliver global enterprise solutions.

Education

Specialization in Software Engineering   Sep 2016 - Jun 2017
State University of Campinas (Unicamp) Institute of Computing (IC), Campinas

Bachelor of Science in Computer Science   Sep 2009 - Jun 2014
State University of São Paulo (UNESP) - Campus of Rio Claro Institute of Geosciences and Exact Sciences (IGCE) Department of Applied Mathematics and Computation (DEMAC), São Paulo

Employment

IT Specialist, Full Stack Web Developer   Nov 2016 - Present
IBM

Full Stack Web Developer, responsible for maintaining and upgrading enterprise web applications. Working in the Financial and Operations business unit for 7 years, I developed great skills in solving problems and implementing high intensive data application solutions to a large variety of customers (Dell, Apple, Deutsche Bank, Lenovo).

My most commonly used languages are Java 6 versions to 17 (SE, EE with Spring 3 framework), JavaScript, PHP (6 to 8.1), React (NextJS), TypeScript and Node.js. I have skills constructing continuous delivery / integration pipelines (Jenkins, Travis) and deep knowledge on cloud architectures (IBM Cloud, OpenShift) using containerized solutions (Docker, Kubernetes).

My most recent accomplishment was the migration of legacy post-sales customer support software from a bare metal infrastructure to the IBM Cloud environment. This effort resulted in significant cost savings as I collaborated directly with clients to modernize their interfaces.

I also possess valuable experience in security aspects, including mutual authentication, TLS/SSL implementation in HTTPS/SOAP web architectures and MQ, as well as advanced knowledge in databases and cloud sysadmin. Currently, I perform my role not only as a developer but also as a team lead with comprehensive software engineering skills and agile methodology.

Personal details

Date of birth
January 17, 1990

Gender
Male

Nationality
Brazilian

LinkedIn
linkedin.com/in/rafael-campos-jonas-b19558b7
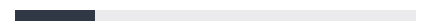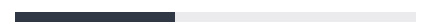
Skills

Java

PHP

JavaScript and Typescript

Node.js

React

OpenShift

AWS

Artificial Intelligence

DevSecOps

Databases

Docker and Kubernetes

Software Analyst / Developer May 2016 - Nov 2016
Softbiz
Java Developer (J2EE, JSF, JMS, Richfaces) with PostgreSQL database, Jboss application server, SVN version control manager, tools for continuous automation of builds and Maven and deploy Jenkins tests.

Directed on the agile Scrum development methodology, I work within a team focusing on the improvement of the LIMS software, which automates the administrative and sample sectors of CQA - Analytical Quality Center of Campinas. Some of the main activities involve analysis and solutions of data mass scalability, bottlenecks related to memory leaks, test-oriented development (TDD) with JUnit, and constant revision and improvement of object-oriented architecture and design.

Developer Jr. Jun 2015 - Mar 2016
Solviantech
Lead programmer responsible for the maintenance and development of new fleet management and georeferencing software for Solviantech technology company using Java web services (J2EE). Database, server administration, testing, and all phases of analysis and document management are within my scope of activities.

Internship Aug 2014 - Apr 2015
Kaffa Mobile
Internship in software development, allocated in geo-referencing (GIS) and Field Force Automation (FFA) projects, for electric distribution companies. The software developed for Mobile use in PDA's Windows Phone. I have been in touch with Lua programming languages and especially Java using Linux environments. I also acquired knowledge in integrated servers, version control and revision systems, modeling and implementation of Oracle MySQL databases, as well as web architecture and development (HTML, Javascript, CSS, JSP).

Languages

Portuguese

English

Spanish