Bruno P. Kinoshita

☎ (021) 104 2131 • ✉ kinow@apache.org • 🌐 kinoshita.eti.br
in brunopkinoshita • 🐦 kinow • ⭘ kinow
Brazilian, married, 34 years old, non-smoker

I am an honest, and focused Software Engineer that is always trying to deliver solutions with quality. I am very calm and easy-going, and enjoy a challenging work environment, Open Source, and learning about different cultures.

I have worked in many different projects for the past ten years, in fields such as telecommunications, banking, credit, retail, insurance, and start-ups. Occupied different positions including programmer, quality engineer, devops, architect, full stack developer, and big data engineer.

I am fluent in English and Portuguese, with good understanding of Spanish, and basic of Japanese.

Skills

Languages	Java, Python, PHP, R, C/C++, CSS, HTML, JavaScript, Shell, Perl, SQL
Frameworks	Node.js, NumPy, Pandas, Spark, Spring, SpringBoot, Struts, Hadoop, Tornado, Laravel
GIS	PostGIS, QGIS, ArcGIS, gvSIG, WFS, WMS, SOS, and other OGC standards
Systems	Linux, OSX, Windows

Achievements

o Invited to become an Apache Software Foundation Member	March 2018
o Invited to become an Apache OpenNLP PMC	July 2017
o Invited to become an Apache OpenNLP Committer	April 2017
o Invited to become an Apache Commons PMC	October 2016
o Invited to become an Apache Jena PMC	March 2015
o Invited to become an Apache Jena Committer	January 2015
o Invited to become an Apache Commons Committer	August 2012
o Organized two Jenkins meetups in Sao Paulo, Brazil	2012 and 2013

Awards

o Spirit of GovHack for amazing team work. Auckland, New Zealand.	July 2016
o NIWA Proactive Communicator. Auckland, New Zealand.	February 2016

Education

o Diploma in Business Administration, Mackenzie University	January 2008 – July 2009
o B.S. in Information Systems, Mackenzie University	August 2003 – July 2007
o Colegio Centenario (Sao Paulo, Sao Paulo, Brazil)	December 2002

Work Experience

o **Java Engineer**, *NIWA*   Jun 2017 – Jun 2018
  - Java development in the IT Systems Development team. Working on **EcoConnect**, NIWA's specialist environmental forecasting and information service.
  - Refactoring of old Java stack, migrating JEE applications from GlassFish, JBoss, and WebLogic to a common architecture.

o **Full Stack Software Developer**, *Spark Ventures*   Oct 2016 – Jun 2017
  - Java development in the Platform team, crafting solutions common to all other teams.
  - Integration between **AWS KMS** and **Spring Boot** applications.
  - **New Relic** configuration to set up alerts and monitoring for all internal applications, and also for external services such as **Zuora**, **Stormpath**, and **Prismic**.
  - Bamboo restructuration, adding groups, cleaning up users, automating a few tasks, and generating user and operational documentation.
  - Review security of build system, Spring boot applications, and AWS resources.

o **Software Developer / Operations**, *NIWA*   Apr 2015 – Sep 2016
  - Responsible for the **Continuous Integration** and development pipeline in **Jenkins**.
  - Introduced **monitoring** of the development lifecycle activities with dashboards written in Node.js and using the **Dashing** framework.
  - Responsible for maintaining the middleware stack, including **GeoServer**, **GeoNetworks**, **IPT**, **PostGIS**, **SOS servers**, **vocabulary servers**, and other internal systems.
  - Worked closely with researchers writing Python tools and utilities for weather, remote-sensing, tracking, data processing, and general automation.
  - Review internal infrastructure looking for security problems.
  - Created company first public **git** repositories under a new organization in GitHub.

o **Senior Big Data Engineer**, *Boa Vista Servicos (Equifax)*   Jun 2014 – Mar 2015
  - Deployed a 8-node **Hadoop** cluster, with **Hive**, **Impala**, and **HDFS**.
  - Created ontologies to match the data in the cluster with the data modeled by the data architecture department.
  - Wrote web applications in Java with **Jersey** and **JOOQ**, and in PHP with **Laravel** to interface with the data generated after it was combined with the ontologies.
  - Data ingestion automation with **crawlers** written in Python, parsing PDF files in Java with statistical tool.
  - Meetings with internal departments to discuss project needs, and with external vendors to assess solutions, and RFP's and RFQ's
  - Integrate Talend with **Tableau**, and IBM Nettezza
  - Created monitoring dashboards for data arriving in the cluster
  - Wrote initial jobs for parsing data collected by crawlers, combining with logs and other internal data dumps. Creating a benchmark, and comparison reports for the upper management.

o **Senior Software Architect**, *Tokio Marine*   Jan 2013 – May 2014
  - Set up an **ActiveMQ** cluster with queues persisted in **Oracle**, and used by different internal departments.
  - Participation in assessments for new solutions, and meetings with vendors.
  - Organized internal workshops and trainings for the development teams.
  - Created RESTful internal services for sending SMS, and signing PDF files.
  - Set up the company SSO solution with **OpenAM**.
  - Helped to set up authentication in **Liferay** with the new SSO solution.
  - Created company-wide monitoring solution for both technical metrics and business KPI's.

o **Senior Infrastructure Engineer**, *Tokio Marine*   Oct 2012 – Dec 2013
  - Automate infrastructure with **Shell**, **Jenkins**, and **Puppet**.
  - Replace legacy OC4J servers by a new **JBoss** cluster.
  - Update linux boxes to use services to start systems at startup, have a uniform logging settings,

review log rotation settings, and integrated user authentication and sudoers.
  - Automated parts of the software deployment that was a complete manual process before.
o **Senior Software Engineer**, *Tokio Marine*   Oct 2011 – Sep 2012
  - Helped to maintain legacy systems written for an internal portal solution.
  - Mavenized systems written with Ant, Shell, and Ivy.
  - Created **Subversion** hooks to trigger jobs in Jenkins.
  - Created daily builds in Jenkins for the company portal.
o **Senior System Analyst**, *Lojas Riachuelo*   Jul 2011 – Sep 2011
  - Refactor old Java Swing application to improve threading and **OO design**.
  - Suggest a different architecture for the company POS system written in Java.
  - Split POS legacy system in Maven modules.
  - Wrote first automated tests for the POS system.
  - Create wrappers for the **Delphi** and **C/C++** devices used by the POS (e.g. printer, biometric devices).
o **Senior Software Quality Engineer**, *Vivo (Telefonica)*   Jan 2010 – Jun 2011
  - Gathering metrics from company CRM and modules, and analyse bugs and improvements
  - Set up complete QA environment in **CentOS**, with tools such as **Hudson**, **Sonar**, **TestLink**, **FishEye**, and **JIRA**.
  - Wrote an Open Source plugin for Jenkins to provide integration for TestLink
  - Debug and profile the company CRM with **YourKit**, and **Eclipse Memory Analyzer**.
  - Wrote performance tests with **JMeter** and **SOAP-UI**.
  - Wrote company-wide tools to help different departments automating tasks.
  - Participate in the company and partners RFP as technical person.
o **Senior Software Engineer**, *Nossa Caixa Bank*   Apr 2008 – Dec 2009
  - Supported **Java**, **C#**, and **Cobol** developers in different departments.
  - Wrote code standards for Java and **.NET** applications.
  - Maintained integration code for Java and .NET with Mainframes using Cobol, **MQSeries**, **DirectConnect**, **Uniface**, and Java in Z/OS Linux.
  - Developed Java training material, and provided training and interviews to other departments
  - Assessment of new tools, providing detailed report to the bank decision makers.
o **Junior System Analyst**, *Claro*   Jun 2007 – Mar 2008
  - Updated existing MMS adapter, to support new MMS/MM7 protocol in the VAS middleware system, using **Java**, **JEE**, memory buffers, and Java mail API.
  - Added **JMS** configuration and code for the new MMS adapter.
  - Helped mapping VAS to Billing process, looking for inconsistencies, and working with the revenue assurance team.
  - Wrote a **Struts** application to manage broadcast SMS campaings, with scheduling **Quartz** and reporting **iReport**.
  - Replaced company web site captcha and added a honeypot.
  - Wrote Java code to ETL a complete corporation managed plans (Gestor Online) from Oracle.
o **Junior System Technician**, *Claro*   Jan 2006 – May 2007
  - Wrote **Java** code for the JEE middleware platform **Swing** desktop application
  - Troubleshoot **threading** issues in the desktop client.
  - Wrote sockets, LDAP clients, and log parsers for the middleware server.
  - Maintain the KPI's monitoring panel using applets, and accessed by upper management.
o **Value Added Services intern**, *Claro*   Jul 2004 – Dec 2005
  - Internship in VAS, with a three month period working with on-going systems, learning how ticket systems work.
  - Point of contact for local partners to set up their delivery channels in the VAS middleware system.
  - Monitoring the VAS platform logs in HP-UX, Solaris, Linux, and Windows servers.

- Monthly and weekly reports for the VAS, on-going, Web, and upper management.

Technical Training

o *Building Web Applications in R with Shiny*. DataCamp. Online. 2018

o *Intermediate R Course - Practice Course*. DataCamp. Online. 2018

o *Intermediate R Course*. DataCamp. Online. 2018

o *Introduction to R Course*. DataCamp. Online. 2018

o *Level 1 Introduction to Sailing Keelboat Certificate*. Royal New Zealand Yacht Squadron. Auckland, New Zealand. 2018

o *OWASP NZ Day Advanced Web Hacking and Secure Coding*. University of Auckland. Auckland, New Zealand. 2017

o *AWS Concepts*. Linux Academy. Online. 2016

o *Apache Spark Essentials*. Linux Academy. Online. 2016

o *CS107: C++ Programming*. Saylor Academy. Online. 2016

o *OWASP New Zealand day training*. OWASP. Auckland, New Zealand. 2016

o *Linux Foundation Certified Systems Engineer*. Linux Academy. Online. 2015

o *Infrastructure Management with Puppet*. Instruct. Sao Paulo, Brazil. 2012

o *Basic concepts of change management*. Nossa Caixa Bank. Sao Paulo, Brazil. 2008

o *CA Harvest Software Change Admin and Config*. CA. Sao Paulo, Brazil. 2008

o *Hands-On Websphere Application Server*. IBM. Sao Paulo, Brazil. 2008

o *Business Intelligence*. Claro. Sao Paulo, Brazil. 2008

o *Information Security*. Claro. Sao Paulo, Brazil. 2007

o *Biometry applied in computer networks security*. Mackenzie University. Sao Paulo, Brazil. 2007

o *Web Development with Servlets and JSP*. Sun Microsystems. Sao Paulo, Brazil. 2007

o *COBIT and Sarbanes-Oxley*. Claro. Sao Paulo, Brazil. 2006

o *Genexus Programming*. Procwork (Sonda). Sao Paulo, Brazil. 2004

o *Microsoft Certified Solutions Associate career*. Bras e Figueiredo. Sao Paulo, Brazil. 2003

Certifications

o gvSIG User Certificate 2018

o Japanese-Language Proficiency Test N5 2018

o LFCE Linux Foundation Certified Engineer 2015

o Professional Scrum Master I (scrum.org) 2011

o ISTQB CTFL Certified Tester 2010

o SCWCD Sun Certified Web Component Developer 2009

o ITIL Foundation V2 2009

o COBIT Foundation V4.1 2009

o CA Software Change Manager Administration 2008

o SCJP Sun Certified Java Programmer 2006

o MCP Microsoft Certified Professional Windows 2000 2003

Interests and Hobbies

o Bioinformatics, semantic web, linked data, animation pipelines, NLP, fuzzy logic, and GIS.

o Sci-fi books, short stories, comics, movies.

o Learning about new cultures, but in special Japanese, Brazilian, and Irish.

o Slack line, swimming, judo, and soccer.

I wrote articles that have been published in different magazines, and also spoke in conferences in some countries. The complete list is available in my web site. For a list of Open Source projects that I contribute to, look at my GitHub profile. I have three software registered with Brazilian INPI (512018001048-2, 512018001051-2, and 512018001052-0) through Federal University of Amapa Foundation. References available upon request.