

Hanneli Tavante

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Personal Summary

Age: 27 years old

Marital status: Single

Languages: Portuguese and English [fluent writing and speaking];

Spanish and French [basic understanding]

Education

Universidade Federal de Itajubá

Itajubá, MG

Bachelor - Computer Engineering

2007 - 2011

Experience

June 2014 - present **Senior Developer and Team Leader at Codeminer42** São Paulo, SP

- Manage and organise worldwide teams helping them with technical issues, agile and fast delivery and provide professional growth of the members of the company.
- Solve significant technical problems in a fast, efficient and well-structured way.
- Care for the well-being of the development environment, keeping good code and product delivery policies.
- Act as a mediator between customer and developers and between design/UX teams and programmers.
- Present talks at conferences.
- Build several kinds of systems - websites, integration, database connectors, manage frameworks and libraries, create performance tests, devops, data analysis.

Oct. 2013 - May 2014 **Middleware Consultant at Red Hat** São Paulo, SP

- Deal with the customer directly and propose creative and fast middleware Java solutions.
- Propose and manage workshops about Red Hat products for customers and co-workers.
- Work under high pressure and tight timetables, travelling a lot and having a very flexible work environment.
- Deal with public speaking naturally and act as a conference speaker.
- Be able to learn new technologies extremely fast and apply them as a solution for customer environment.
- Understand and deal with sales and business environment, revising sales proposals and helping sales team with technical approaches.

Nov. 2012 - Oct. 2013 **Developer at Top Free Games** São Paulo, SP

- Propose new technology solutions to increase backend systems performance.
- Reduce company's billing with cloud systems (Heroku and Amazon AWS).
- Bring new technologies knowledge and share them with company's members.

- Monitor system's availability and performance, create auto-scalable systems, collect and analyse real time data with Cassandra, Kafka and Hadoop.
- Install and maintain Jenkins as the company's build system.
- Care for data security developing authentication frameworks.
- Improve code base of the company creating reusable systems, internal libraries and frameworks.
- Develop client apps for iOS with XCode and CocoaPods.

Aug.2011 - Oct. 2012 **Developer and Instructor at Caelum** São Paulo, SP

- Provide training sessions as an instructor for company's training programs. Develop high social and communicating skills. Help students continuously, bringing them information about IT market, top frameworks in Java and Ruby and best architecture practices.
- Participate in national IT events as speaker.
- Build and develop internal systems to potentialize company's dynamic, attract new customers and increase instructor's base knowledge.
- Study market tendencies, develop new training programs and upgrade or improve existing ones.
- Be a strong adopter of agile methodologies to increase team's productivity.
- Be able to handle a varied work environment, alternating between programming, preparing and giving classes and team management.
- Help to maintain company's blog, writing popular posts about technologies. Write posts to get page views record.
- Schedule and manage members to participate as speakers at College conferences or popular IT events.
- Incentive Open Source approaches and motivate team member to contribute to a project on Github.

Feb. 2011 - Jul. 2011 **Developer at SOA|Expert** São Paulo, SP

- Build and propose internal system architectures.
- Develop systems in Java and Ruby languages, covering front and backend and also offer SOA solutions with Oracle, IBM and JBoss tools.
- Participate in SOA training provided by the company. Help during the classes as monitor/advisor.
- Participate in external SOA consulting, proposing enterprise integration solutions.

Jan. 2010 - Jan. 2011 **Trainee/Developer at B2ML Systems** Itajubá, MG

- Build and propose system architectures.
- Develop systems in Java language, covering front and backend.
- Optimise systems performance, increase team productivity with new frameworks and tools, participate on regional events.
- Create potential systems to local customers, helping them to increase profits and also training them to use high technology systems.
- Make successful internal products. One of them was acquired by PeixeUrbano team, a big e-commerce company in Brazil.

Certifications

Courses and Trainings

- | | |
|--|------------------------------------|
| - Formação Java + Formação Java Avançado | Caelum - Jan.2010 to Mar.2011 |
| - Formação Ruby | Caelum - Jan.2011 |
| - Formação SOA | SOA Expert - Jan. 2011 to Jun.2011 |

Complementary Projects

- Uai!rrior Robotics team - Electronics development team -Mar. 2007 to Mar.2010. Electrical circuits project, design and optimisation.
- Publication of the article "Web social networks meters and business usage analysis" by IEEE on CaSON 2011.
- Open Source Software contributor to Ruby projects, Java projects and JBoss Projects.
- Act as speaker in many conferences (Brazil, USA, Germany, Argentina and Canada).
- Cassandra MVP 2015.

Technical Key Skills

Red Hat Platform and Middleware products (EAP, Openshift, BRMS, FSW, RHEL and others), Java Technologies and Java EE (5, 6 and 7) frameworks and tools (JSF, EJB, JBoss AS, Glassfish, JBoss Seam, Eclipse IDE, Netbeans, Maven, JSP, Servlets, Hibernate), SOA technologies (ESB, Apache Camel, JBoss Fuse, Oracle OSB), Ruby language and technologies (Rails, Sinatra, RVM, Torquebox, RSpec and popular Gems), C and C++ programming, Assembly programming, HTML, Javascript (Angular, Backbone, React), jQuery, relational databases (PostgreSQL, MySQL, Oracle), NoSQL databases (MongoDB, Cassandra, Neo4j, DynamoDB, Redis), Objective C and iOS development, Operating Systems (Windows, MacOS and Linux - Fedora, Gentoo, CentOS, Ubuntu, Arch), Python (2, 3), Agile methodologies, Electronics, Amazon, Heroku, general PaaS and IaaS. Data Analysis (Spark - basics), Machine Learning. Functional Programming, mathematics, physics and research are subjects of my interest.

Web Pages

- Open topic posts: <https://medium.com/@hannelita>
- Github - <https://github.com/hannelita>
- Slides - <https://slides.com/hannelitavante-hannelita>
- Slideshare: <http://www.slideshare.net/hannelita>

2015/2016/2017 Main Projects

- *Tile* - Data pipeline with Airflow, Databricks integration
- *Westfield* - Internal system refactor, restructure and integration; front end development with HTML, CSS, Adobe tools and Foundation. Work together with API team and help on bug fixes and APIs improvement.
- *Neo Technology* - development and architecture of Open Source tool - [Neo4J DocManager](#), a

database connector to automatically export data from MongoDB (Document Database) to Neo4J (Graph Database), extending DocManager API provided by MongoDB team; mostly Python development, project architecture discussion and community engagement;

- *Neo Technology* - development and architecture of Open Source tool - [Neo4J Cassandra Connector](#), a database connector to export data from Cassandra (Columnar) to Neo4J (Graphs); mostly Python development, optimisation problems, project architecture and community engagement.

- *VTS* - External API development, microservices implementation, integration tools to automate manual work on Salesforce, Web crawler development, parser implementation, database optimisation, OAuth; mostly Ruby code.

More Detailed Information

- LinkedIn: <http://br.linkedin.com/in/hannelita/>

Main works as Speaker/Publisher

- CaSON 2011 [[IEEE published paper](#)]
- [The Developer's Conference](#) 2011, 2012, 2013, 2014, 2015 and 2016 (São Paulo, Florianópolis and Porto Alegre); speaker and organiser.

- [JBoss in Bossa](#) 2011

- [ConFoo](#) 2012, 2014, 2015 (Montréal)

- [Rubyconf Brazil](#) 2014

- [RubyConf Argentina](#) 2012, 2013, 2014

- [Euruko](#) 2015

- Eurucamp 2015

- [Open Source Bridge](#) 2015

- [FrOSCon 2015](#)

- [QConSP 2016](#)

- [ApacheCon Big Data North America 2016](#), Vancouver (Speaker and Volunteer)

- [OSCON](#) 2016 (Austin); speaker and volunteer

- Meetups in Sao Paulo - Big Data, NoSQL, Science (Mathematics, Physics), Rust Programming Language

- Contributions on [Brazilian Haskell Community](#)

- Article about [SASI at Planet Cassandra](#)

- [JavaOne Latin America 2016 - Cassandra - quick introduction](#)

- Cassandra full day workshop at INFNET - Rio de Janeiro.

- Full list - 2016: <https://gist.github.com/hannelita/0b40245d147eb552a23f759465c3738b>

Most viewed presentations

"[Pokémons Explain Front-end Tools](#)", "[Rust Intro](#)", "[Assembly](#)", "[SASI and Secondary Indexes](#)", "[Type Theory 101](#)", "[Graphs - from Hydropower Plants to PCBs](#)", "[Building Smart Bots with Cassandra](#)"

[and Spark](#)", "[JVM Internals Demystified](#)".

Wants to work with/as

- Systems architecture
- Data analysis and machine learning
- Hardware development
- Research
- Backend systems (Ruby, Python, Java)

Does not want to work with/as

- Outsourcing
- Front end engineer