

# FELIPE TRIANA CASTAÑEDA

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<https://ftrianakast-cedar-14.herokuapp.com/>

## SUMMARY

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Software engineer with good communication and teamwork skills. Enthusiastic for software architecture, data science and functional programming. As a software engineer I am available to define and put in operation architectures based in multiple frameworks and programming languages, and as an enthusiastic data scientist i know stadistics, network analysys and machine learning techniques.

## EDUCATION

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**Universidad de los Andes, Bogotá D.C, Colombia**

*August 2013*

BSc in Computer Science

Thesis SkinHealth, a system for autodetection of skin diseases using the Ontology Ontoderm.

**Colegio Seminario San Juan Apóstol, Facatativá, Colombia**

*2008*

High School Degree

## EXPERIENCE

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**Prodigious Latin America**

May 2015 - Present

*Senior Software Engineer*

*Bogotá D.C — San Francisco*

- AEM developer: components, workflows and OSGi services.
- Webservice designer and developer over Apache Sling.
- Backend engineer using Java language.
- Deal with an international and big team.
- Worked in two projects as a technical referent: Hewlett Packard and USANA projects.

**Aentropico SAS**

May 2014 - December 2014

*CTO*

*Bogotá D.C — Río de Janeiro*

- Technical leader and organization representative.
- Technical architect: solution designer and technical referent.
- REST API designer.
- Backend engineer using different programming languages: NodeJS, R and Java.
- Frontend developer using Javascript(AngularJS Framework), CSS3 (Stylus preprocessor), HTML5 (Jade template engine).
- Database designer using NoSQL technology (MongoDB).
- Infrastructure engineer responsible of application deployments (AWS, Docker and Heroku), security (OAuth 2.0) and platform scalability.
- Requirement engineer. Responsible for defining technological requirements from business requirements.
- Scrum master. Sprints planning and responsible of delivery dates.

**Aentropico SAS**

August 2013 - May 2014

*Full Stack Developer*

*Bogotá D.C — Río de Janeiro*

- Architectural designer of a technological platform that provides predictive analytic tools (machine learning) and advanced algorithmic techniques for any kind of business.
- REST API Designer.

- Backend engineer using different programming languages: NodeJS, R and Java.
- Frontend developer using Javascript(AngularJS Framework), CSS3 (Stylus preprocessor), HTML5 (Jade template engine).
- Database designer using NoSQL technology (MongoDB).
- Infrastructure engineer responsible for application deployments (AWS, Docker and Heroku), security (OAuth 2.0) and platform scalability.
- Requirement engineer. Responsible for define technological requirements from business requirements.
- Scrum master. Sprints planning and responsible of delivery dates.

## IBM

August 2012 - December 2012

*Technical Analyst*

*Bogotá D.C*

- Application Integration Engineer responsible of requirement definition in a bank enterprise. The work was guided by a traditional software development methodology with level 5 on CMMI.
- Integration services implementation using the platform Websphere Message Broker.
- Implementation of Java adapters for integration of legacy applications.

## SoftOne SAS

June 2012 - August 2012

*Freelancer Developer*

*Bogotá D.C*

- Web service development over the framework JEE for the management of IVR in an assurance enterprise.
- Mobile development using the platform J2ME.
- The works was guided by an agil software methodology (Scrum)

## TECHNICALL SKILLS

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<b>Software architecture</b>	SOA (REST and SOAP services), DDD, MDD, design patterns
<b>Programming languages</b>	Java, Scala, Haskell, Javascript
<b>Libraries</b>	Scalaz
<b>Frameworks and platforms</b>	Akka, Spray.io, Play Framework, Spring, JEE, NodeJS, ExpressJS
<b>Frontend</b>	AngularJS, BackboneJS, CSS3, HTML5, Jade, Stylus, Grunt, Gulp
<b>Protocols &amp; APIs</b>	XML, JSON, SOAP, REST
<b>Databases</b>	MySQL, PostgreSQL, MongoDB, Redis, Neo4j
<b>Tools</b>	Maven, SBT, Npm, Git, SVN
<b>Commercial platforms</b>	AEM 6.0, CQ, Websphere Message Broker

## PROJECT MANAGEMENT SKILLS

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**Methodologies**      Scrum, XP, TSP.

## LANGUAGES

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**English**      90%  
**Spanish**      Native

## ACKNOWLEDMENTS

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**Fellowship Quiero Estudiar Uniandes** 2009  
 Universidad de los Andes, Bogotá D.C, Colombia. Awarded for academic excellence

**Best High school academic score** 2008  
 Colegio Seminario San Juan Apóstol, Colombia.

## COURSES - CONFERENCES

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**Coursera, École Polytechnique Fédérale de Lausanne, Switzerland**

*May 2015*

Principles of Reactive Programming. Key elements for writing reactive programs in a composable way. Find out how to apply these building blocks in the construction of message-driven systems that are scalable and resilient.

**Coursera, École Polytechnique Fédérale de Lausanne, Switzerland**

*September 2014*

Functional Programming Principles in Scala. Introductory and advanced subjects of functional programming using Scala.

**Speaker Javascript Conference, Medellín Colombia**

*October 2013*

Guest speaker in the anual conference of Javascript in Colombia. Subject: Visualization explorer, a dance between nodeJS and D3.js

**edX, Berkeley University, California**

*September 2010*

Artifitial Intelligence. Artifitial Intelligence Principles.