

FELIPE TRIANA CASTAÑEDA

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SUMMARY

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

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

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 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.

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

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

PROJECT MANAGEMENT SKILLS

Methodologies Scrum, XP, TSP.

LANGUAGES

English 90%
Spanish Native

ACKNOWLEDGMENTS

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

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.