

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

Globant

February 2016 - Present

Software Engineer

Bogotá D.C

- Python developer. Develop migration data scripts.
- 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.

Prodigious Latin America

March 2015 - February 2016

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: Hewllett 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
Full Stack Developer

August 2013 - May 2014
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
Technical Analyst

August 2012 - December 2012
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
Freelancer Developer

June 2012 - August 2012
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, Python, 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.
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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, Stanford University, United States

April 2016

Machine Learning. This course provides a broad introduction to machine learning, datamining, and statistical pattern recognition. Topics include: (i) Supervised learning (parametric/non-parametric algorithms, support vector machines, kernels, neural networks). (ii) Unsupervised learning (clustering, dimensionality reduction, recommender systems, deep learning). (iii) Best practices in machine learning (bias/variance theory; innovation process in machine learning and AI).

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.