

FELIPE TRIANA CASTAÑEDA

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<http://ftrianakast.herokuapp.com/blog>

SUMMARY

Software engineer with good communication and teamwork skills. Enthusiastic for software architecture and data science. 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

Agosto 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

Aentropico SAS

Mayo 2014 - Octubre 2014

CTO

Bogotá D.C

- Technological leader and organization representative.
- 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

Agosto 2013 - Mayo 2014

Full Stack Developer

Bogotá D.C

- 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).
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- Scrum master. Sprints planning and responsible of delivery dates.

IBM

Technical Analyst

Agosto 2012 - Diciembre 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

Junio 2012 - Agosto 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, Javascript, Haskell, Coffeescript
Frameworks and platforms	NodeJS, Akka, Play framework, JEE, 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

PROJECT MANAGEMENT SKILLS

Methodologies Scrum, XP, TSP.

LANGUAGES

English 90 %
Spanish Native

ACKNOWLEDMENTS

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 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.