Curriculum Vitae

Felipe Ribeiro

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Personal Details

Name

Felipe Ribeiro Santos

WebSite / Social Media

- 🐦 Twitter
- 🐙 GitHub
- in LinkedIn
- f Facebook
- 🔗 Lattes (CNPQ)

Location

Duque de Caxias, Rio de Janeiro - Brazil

> **Software geek, tech guy, drum player, likes to
> travel, meet new people, share knowledge,
> watch movies/series.**
>
> **Hands on Software/Cloud/Platform & DevOps Engineer.**
>
> **Believer in people, teams, lifelong learning and
> enjoying life!**

Professional experience

Head of Cloud/Platform & DevOps Engineer at TV Globo

📅 Jun 2017 to Now (ongoing)
👥 TV Globo
❯ Globoplay

Position

Head of Cloud/Platform & DevOps Engineer
Responsible for the design and implementation of the Cloud Platform Architecture and ensuring that implemented services are used for multiple product propositions

- **Lead of devsecops team** responsible to share the knowledge about tools and devops culture around the company

- **Drive the implementation of the Cloud infrastructure** and services using Agile/Scrum/SAFe approach

- Organized various workshops to **create awareness on Cloud architectures and development approach**

- Implementation of a **Continuous Integration & Deployment environment**

  ◦ Docker images are build using a Jenkins cluster and pushed to Amazon ECR Docker repositories (Stash → Jenkins → AWS ECR) using Jenkins Pipelines

- **Infrastructure as Code**

  ◦ Creation of **Terraform** modules to enable **Continuous Deployment of the infrastructure and services**

- Implemented **Microservice architecture**

  ◦ Deployment based on **Docker** Images using **AWS ECS Container Services**

  ◦ Service interfaces are based on **REST and/or Amazon SQS/RabbitMQ AMQP** broker

  ◦ Service contracts written using **Rest Application Markup Language (RAML)**

  ◦ *"Service Discovery"* based on **Consul**

  ◦ Service implementations using Python, Node.js

  ◦ Infrastructure and service monitoring using **CloudWatch/Prometheus**

Technologies used:
Docker, Java, Node.js, Python, Angular, Rest Application Markup Language (RAML), Consul, Terraform, AWS Webservices (EC2/ECS/ECR/ELB,S3,CloudWatch,Elasticsearch,RDS), AMQP, RabbitMQ, SQS, REST, Tomcat, Linux, Neo4J, Mysql, MongoDB, Oracle, Git, Confluence, Scrum, SAFe (Scaled Agile Framework), Prometheus, Microservices

Technical Lead/Software Engineer/Architect at TV Globo

 Jun 2015 to Jun 2017
 TV Globo
 Globoplay

Position

Technical Lead/Software Engineer/Architect
Responsible for design & implementation of a web-based platform to tv live shows and corporative solutions.

- **Competence Lead**

  - Set-up the internal development team

  - Responsible for the professional/people development for a group of software engineers

  - Implementation of distributed development environment and process (requirements, development, testing & deployment)

  - Gathering functional & non-functional requirement

  - Create agile awareness and implement SCRUM development methodology

- **Innovation Architect**

  - Being part of the "Agile Development team" creating innovative concepts, technologies & methodologies. Responsible for the architecture, selection, progress and staffing

- **Software Engineer**

  - Collaborated with various **stakeholders, clients and internal areas** to develop solutions to aim our telespector

  - Implementation of different mobile applications, infrastructures and technologies

  - To build web architectures solutions able to organic capacity expecting 1 million of requests / hour.

- ◦ Responsible for the design, development and the implementation of a number of applications for an intranet. Applications have been developed using Node.js
- ◦ Trainer for Cloud and Devops course at TV Globo Tech Academy. Introducing concepts such as devops culture, new approachs,tools and design directives
- ◦ **Implementing** the design together with a team

Methodologies & Technologies used:
Java, REST, JMeter, SoapUI, XML, SOAP, JSON, RabbitMQ, Linux, MySQL, Agile

Provided platform functionality

- hardware status monitoring
- self service capabilities for charging unit owners
- executing firmware updates
- registration of charging sessions
- 3rd party data integration
- event push notifications
- a RESTful API to allow external system integration
- protocol implementations for connecting charging units (OCPP)
- web service connections to external service providers

Software engineer at Orga Systems

📅 Jul 2014 to Set 2015
👥 IHomer
❯ Belgian Distribution Service

Position

Software engineer at Orga Systems
Restructure a Java/Web based ERP system and build the internal development organization

- Set-up the internal development team
- Implementation of distributed development environment and process (requirements, development, testing & deployment)
- Gathering functional & non-functional requirement
- Create agile awareness and implement SCRUM development methodology

Methodologies & Technologies used:
Java, JEE, Spring, Hibernate, Javascript, YUI, JBoss, JUnit, JMeter, UML, Jenkins

Software Engineer at Stefanini IT Solutions

📅 Jul 2010 to Jul 2014
👥 [CMG/LogicaCMG/Logica](#)
❯ Shell, Unilever, GE, Kennisnet, KLM, NS, Aegon, PTT Post, Lyondell

Position

Software Engineer/Competence Lead/Innovation Architect

- **Competence Lead**

  ○ Responsible for the professional/people development for a group of +/- 200 software engineers

- **Innovation Architect**

  ○ Being part of the "Working Tomorrow" innovation incubator creating innovative concepts, technologies & methodologies. Responsible for the architecture, selection, progress and staffing

- **Software Engineer**

  ○ Implementation of different mobile applications, infrastructures and technologies

  ○ Mobile hardware selection for [KLM](#) for use in-flight

  ○ Responsible for the design, development and the implementation of a number of applications for an intranet. Applications have been developed using Java on the NetDynamics application server

  ○ Development of high traffic based website for [Dutch Railways](#)

  ○ Trainer for IBM WebSphere J2EE platform. Introducing concepts such as object orientation, technical directives and design directives

  ○ Implementation of a e-learning platform for [Kennisnet](#) using Open Source technologies

  ○ First of a kind development of a mobile ticketing platform used by customers like Efteling, Madam Tussaud and Living Tomorrow. Winning the Dutch national ICT Award 2004.

Methodologies & Technologies used:
.Net Compact Framework, OpenNetCF, Java, iAnywhere SQL studio, IBM WebSphere Connection Manager (WECM), Eclipse, NetBeans, Java J2SE, Oracle, Web Services, UML, RUP, JUnit, Tomcat, J2EE, PostgreSQL, MMBase, Microsoft Pocket Pc, Windows Mobile, Appforge, J2ME, Java MIDP, BEA WebLogic, NetDynamics

Programmer at Delphos

📅 Jan 2009 to Jun 2010
👥 [Jan de Rijk Logistics](#)

Position

IT Support

Internal IT support Employee responsible for internal projects

- Selection and Implementation of company wide European network. (Wide Area Network)

- Implementation of a satellite Tracking & Tracing solution for vehicles

- Optimization of transportation and people planning

- Implementation of vehicle bound hour registration

Intern at Chevron Brazil Petróleo

 Mar 2008 to Mar 2009
 Jan de Rijk Logistics

Position

IT Support
Internal IT support Employee responsible for internal projects

- Selection and Implementation of company wide European network. (Wide Area Network)

- Implementation of a satellite Tracking & Tracing solution for vehicles

- Optimization of transportation and people planning

- Implementation of vehicle bound hour registration

Technical Skills

Containers

Docker, Docker Compose, Docker Machine, Docker Swarm, AWS ECS

Webservices

SOAP, REST, Rest Application Markup Language(RAML), JSON, SoapUI, Postman, Microservices

Cloud

AWS, AWS EC2, AWS ECS, AWS ELB/ALB, AWS ElasticSearch, AWS Lambda, AWS Kibana, AWS SQS, AWS Cognito, Terraform, CloudFormation, Prometheus, Consul

Languages and Specifications

Java, Node.js, Python, Go, Elixir, JavaScript, AsciiDoc, HTML5, Markdown, Shell scripting, XML, CSS

Software Engineering

DevOps, ChatOps, Continuous Integration, Continuous Delivery, Unit Testing, Integration Testing

Frameworks and Libraries

Express.js, Flask, Django, Passport, Lodash, Yarn

Databases

MySQL, Oracle, AWS DynamoDB, MongoDB, PostgreSQL

OS

Linux, Mac OSX, Windows

Protocols

HTTP, WebSockets, REST, OCPP, AMQP, JMS, MQTT

Tools

IntelliJ, Eclipse, JIRA, Git, Jenkins, Sonar, Nexus, JMeter

Methodologies

TDD, Agile/Scrum, SAFe (Scaled Agile Framework)

Education

Graduate - Rio de Janeiro State University, Computer Science

Master - Rio de Janeiro Federal University, **Research**: Agile Development in SOA/Microservices Architecture

Name	Year
AWS Certified Developer - Associate 2018	ongoing
AWS Certified SysOps Administrator - Associate 2018	ongoing
AWS Certified Solutions Architect	ongoing
AWS Certified DevOps Engineer - Professional	ongoing

Interests

- **Learning:** Always interested in learning new technologies & methodologies, currently looking at: Serverless Computing, Google Cloud/Kubernetes, Elixir, Golang and ChatOps

- **Travelling:** Like to experience new cultures, environments and meeting new people

- **Playing**: Drums.. Jazz, Bossa Nova and Samba.