Curriculum Vitae

Felipe Ribeiro

Version 1.0, July 14th, 2018

Table of Contents

Personal Details

Name

Felipe Ribeiro Santos

WebSite / Social Media

- 🐦 Twitter
- 🐙 GitHub
- 💼 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 & Devsecops 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

- **Competence Lead**

  - Set-up the internal development team

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

  - Create agile awareness and implement SCRUM development methodology

  - To organize workshops and dojo`s experiencing for new devops tools ways.

- **Lead of devsecops team** responsible to share the knowledge about tools and devops culture around the company and setup a team responsible for availability, latency, performance, efficiency, change management, emergency response and planning of capacity.

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

- **Definition of strategy to migrate to cloud**

- **System Optimization** for miniable costs on Cloud Infrastructure

- 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 Discovery"* based on **Consul**

- *"Trace of Services"* using **Zipkin**

- Service implementations using Python, Node.js

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

Technologies used:

Docker, Java, Node.js, Python, Javascript, Angular, Consul, Terraform, AWS Webservices, (EC2, ECS, ECR, ELB, S3, CloudWatch, Elasticsearch, RDS, CloudFront, Cognito, Certificate Manager, Elastic Beanstalk), RabbitMQ, SQS, REST, Tomcat, Linux, Neo4J, Mysql, MongoDB, Oracle, Git, Confluence, Scrum, SAFe (Scaled Agile Framework), Prometheus, Microservices, Terraform, Packer, Jenkins, Zipkin

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**

  - Responsible for the technical 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. 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, Python, Node.js, Javascript, REST, GraphQL, JMeter, SoapUI, XML, SOAP, JSON, RabbitMQ, Linux, MySQL, PostgreSQL, MongoDB, Agile, AWS Webservices (EC2, ECS, ECR, ELB, S3, CloudWatch, Elasticsearch, RDS, CloudFront, Cognito, Certificate Manager), Git, Android Studio, Xcode

Software Engineer at Orga Systems (Acquired by Redknee)

📅 Jul 2014 to Set 2015
👥 Orga Systems (Acquired by Redknee)
❯ Tim Brazil Company

Position

Software engineer at Orga Systems
Development a Java/Web based Billing system for communication companys at Brazil

- Implementation of distributed **development** environment and process (requirements, development, testing & deployment)
- Development of **high traffic** based website for Tim Brazil Company
- Implementation of different **mobile applications, infrastructures and technologies**

Methodologies & Technologies used:
Java, JEE, Spring, Struts, JSF, Hibernate, Javascript, ExtJS, JQuery JBoss, JUnit, JMeter, UML, Jenkins, Python, Javascript, Android Studio, Oracle Database

Software Engineer at Stefanini IT Solutions

📅 Jul 2010 to Jul 2014
👥 Stefanini
❯ Rio de Janeiro Courtey of Justice

Position

Software Engineer

- Responsible for the design, development and the implementation of a number of applications.
- Development of high traffic based website for http://www.tjrj.jus.br [Rio de Janeiro Courtey of Justice]
- Development of Web Applications for Judiciary Public

Methodologies & Technologies used:

Java, Eclipse, NetBeans, Java J2SE, Oracle, Web Services, UML, JUnit, Tomcat, J2EE, PostgreSQL, Oracle Database, J2ME, OC4j, Struts, JSF,Sencha (ExtJS), SVN

Programmer at Delphos

📅 Jan 2009 to Jun 2010
👥 Delphos

Position

Programmer
Programmer responsible for development of insurancy projects

- Responsible for the design, development and the implementation of a number of applications.
- Development of solutions for Insurancy companys using Oracle technologies as Oracle Forms, Oracle Design and Oracle Reports.

Methodologies & Technologies used:

Java, Eclipse, NetBeans, Java J2SE, Oracle Database, Web Services, UML, JUnit, Tomcat, Glassfish, J2EE, Oracle Database, Struts, JSF, SVN

Developer Intern at Chevron Brazil Petróleo

📅 Mar 2008 to Mar 2009
👥 Chevron Brasil

Position

Developer Intern
Developer Intern for Lubrificants Factory (Texaco)

- Responsible for the design, development and the implementation of a number of applications. Applications have been developed using Java.
- Development of solutions for Lubrificants Factory (Texaco) using Oracle technologies as Oracle Forms, Oracle Design and Oracle Reports.

Methodologies & Technologies used:

Java, Eclipse, NetBeans, Java J2SE, Oracle Database, Web Services, UML, JUnit, SVN

Technical Skills

Containers

Docker, Docker Compose, Docker Swarm, AWS ECS

Webservices

SOAP, REST, 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 and much more.. :)

Databases

MySQL, Oracle, AWS DynamoDB, MongoDB, PostgreSQL

OS

Linux, Mac OSX, Windows

Protocols

HTTP, WebSockets, REST, JMS

Tools

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

Methodologies

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

Education

Name	Year
Graduate - Rio de Janeiro State University (UERJ), Computer Science	2010
Master - Rio de Janeiro Federal University (UNIRIO), **Research**: Agile Development in SOA/Microservices Architecture	2020
Visual Studio DevOps: Visual Studio and Azure	2017
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.