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# Felipe M.

## Senior Software Engineer

### SUMMARY

- Senior software engineer with 18+ years of experience in system analysis and software engineering.
- Specialized in PHP and Node.js with 10+ years of experience in each.
- Proficient in front-end development using ReactJS and NextJS for over 4 years.
- Extensive experience in cloud architecture for application development, with 10+ years of experience in Amazon Web Services and 3+ years of experience in Google Cloud.
- Skilled in microservices and integrations, with 15+ years of experience.
- Strong knowledge of Agile methodologies, including SCRUM and KANBAN.
- Expertise in creating cloud infrastructure, implementing continuous integration and continuous delivery processes for web applications.
- Familiarity with a wide range of technologies and tools, including MongoDB, MySQL, Firebase, Elastic Stack, Docker, Kubernetes, and more.

### SKILLS

<b>Main Technical Skills</b>	Node.js (10 yr.), TypeScript (6 yr.), PHP (18 yr.), AWS (10 yr.)
<b>Programming Languages</b>	JavaScript
<b>JavaScript Frameworks and Libraries</b>	Canva, Next.js (4 yr.), React (4 yr.)
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML
<b>PHP Frameworks / Libraries / Tools</b>	Laravel, Symfony, Zend
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, Bigtable, Firebase, Google BigQuery, MongoDB, MySQL, Redis
<b>Cloud Platforms, Services &amp; Computing</b>	CloudFlare, DigitalOcean, GCP (Google Cloud Platform) (3 yr.), Heroku
<b>Amazon Web Services</b>	AWS API Gateway, AWS CloudFront, AWS CodeDeploy, AWS ElasticSearch, AWS Lambda, AWS SES (Amazon Simple Email Service), AWS SQS
<b>Google Cloud Platform</b>	Google BigQuery

<b>UI/UX/Wireframing</b>	Adobe XD, Figma
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Trello, Jira
<b>SDK / API and Integrations</b>	AWS API Gateway, GraphQL
<b>Virtualization, Containers and Orchestration</b>	Docker
<b>Platforms</b>	Firebase, WordPress
<b>Message/Queue/Task Brokers</b>	Kafka, RabbitMQ
<b>Deployment, CI/CD &amp; Administration</b>	Kubernetes
<b>Other Technical Skills</b>	Fargate, Vercel

## WORK EXPERIENCE

### SENIOR SOFTWARE ENGINEER, Dev.pro (US)

**Duration:** March 2022 – Current

**Summary:**

- I worked as a backend developer, with a focus on NodeJS and AWS
- In their private projects, I have worked with:
  - AngularJS: making customizations in components
  - NestJS: sagas, CQRS, queues RabbitMQ
  - ExpressJS: customizing and creating new features on APIs and Microservices

### SENIOR SOFTWARE ENGINEER, PARSER DIGITAL (England)

**Duration:** October 2021 – March 2022

**Summary:**

- I worked as a backend developer, with a focus on NodeJS and ReactJS
- In their private projects, I have worked with:
  - ReactJS: making customizations in components
  - Origami Framework (<https://origami.ft.com/>): making customizations in components
  - NodeJS: customizing and creating new features on APIs and Microservices
  - Heroku: Using Heroku as Platform IAAS.



### **SENIOR BACKEND ENGINEER, JALASOFT (United States)**

**Duration:** August 2021 – October 2021

**Summary:**

- I worked as a backend developer, with a focus on PHP, NodeJS and ReactJS
- In their private projects, I have worked with:
  - ReactJS: making customizations in components
  - PHP: customizing and creating new features on APIs using pure PHP
  - Framework 7: making customizations in components
  - NodeJS: customizing and creating new features on APIs

### **SENIOR BACKEND ENGINEER, ROCKSTAR CODERS (United States)**

**Duration:** February 2021 – June 2021

**Summary:**

- I worked as a backend developer, focused on creating API and integrations
- In other private projects, on his customers, I worked in:
  - Laravel projects + ReactJS in Frontend
  - Integration with Payment Gateways (Authorize.NET)
  - NodeJS projects + Express + PDF libs

### **SENIOR SOFTWARE ENGINEER, GOTCHOSEN (United States)**

**Duration:** June 2020 - November 2020

**Summary:**

- I worked as a backend developer, focused on creating API and integrations using Symfony 5 framework.
- Creating an interface to communicate with FFMPEG to convert videos, make filters, extract images, reduce space, and create multiple qualities for the video player.
- Working with Elasticsearch and Elastic Stack integrated with PHP and Symfony 5
- Using Redis/Varnish for CACHE queries, to reduce page load time and database load.

### **SENIOR BACKEND ENGINEER & NODEJS ENGINEER, Abril Comunicações (Brazil)**

**Duration:** November 2019 - July 2020

**Summary:**

- I worked as a WordPress developer, creating custom plugins and making customizations in the frontend and backend.
- I maintained and developed a proxy API to integrate WordPress with JAVA Enterprise application
- Developing WordPress using WordPress VIP Go requirements
- Working with Elasticsearch for searching and indexing contents
- Integration with third-party software (Brisanet, VIVO, TERRA, GO READ)



## **SENIOR SOFTWARE ENGINEER, MM Tecnologia LTDA - (Brazil)**

**Duration:** March 2019 - November 2019

### **Summary:**

- Freelancer Laravel Projects
- Freelancer NodeJS Projects
- Freelancer Lambda Projects
- Freelancer Contractor Projects
- Freelancer WordPress Projects
- Freelancer Integration with Payment Gateways

## **TECHLEAD & FULLSTACK & SENIOR SOFTWARE ENGINEER, Para o Alto e Avante (Brazil) - Senior Consultant**

**Duration:** November 2013 - February 2019

### **Summary:**

- I worked for many years as a consultant before working more directly. During the time I was at the company, I was a leader in the technology sector and a team of developers. I was responsible for defining and choosing the paths and technologies that best suit the company at the time. I also built several platforms and microservices:
- Course Platform (PHP Laravel)
- Webinar Chat Platform (NodeJS + Socket.io + RabbitMQ)
- Customizable Gamification Platform
- Continuous Integration and Continuous Delivery (C.I & C.D) with CodeDeploy
- Integration with Payment Methods (Hotmart, Eduzz, PagSeguro)
- Integration with Marketing solutions among others (Mailchimp, RDStation, Unbounce, WordPress, SparkPost, ActiveCampaign, Google Solutions, Facebook Solutions)
- Integration with Vimeo, Youtube, SoundCloud

## **SENIOR SOFTWARE ENGINEER & SYSTEM ANALYSIS AND DEVELOPMENT, FMARQUES (\*my own company\*) - Senior Consultant (Brazil)**

**Duration:** July 2013 - January 2019

### **Summary:**

- When I was working as a freelancer, I developed and maintained many projects in many companies.
- Laravel Projects
- NodeJS Projects
- Lambda Projects
- Contractor Projects
- WordPress Projects
- Integration with Payment Gateways
- Integration with Third-party software



## **SENIOR SOFTWARE ENGINEER, Joox.io (Brazil)**

**Duration:** November 2014 - November 2017

### **Summary:**

- Of all the projects in my career, Joox's was definitely the most challenging. My responsibility was to provide an interface to manipulate and access data from products, customers, and product customizations, through a RESTFUL API.
- After a short research, we chose to use Laravel as a framework for building the API. For processing Images and Orders we use queues in Redis and ImageMagick/SVGExport in the backend. With ImageMagick, it was possible to create a draping effect and apply masks on the shirts, with customized images and texts that the customer could assemble and create in the frontend through images and masks in SVG. With the queued process we were able to scale the system, increase availability, avoid unnecessary bottlenecks, and integrate with other third-party systems.

## **SENIOR PHP PROGRAMMER, MadeiraMadeira.com.br (Brazil)**

**Duration:** May 2014 - Nov 2014

### **Summary:**

- My role was to build an API, using Laravel, to provide a single, centralized interface for all data used in MadeiraMadeira's e-commerce.
- I worked during the first 4 months on this project. After that, I started to maintain the legacy code called FirstClass. Created a routine to send barcodes via SMS to customers. Improved and optimized several existing routines, such as the XML import routine for Google, and data import routines for other partners and third-party systems. Handling XML files, large CSV files, were part of the routine. I used data stream and file manipulation with little memory usage.

## **EDUCATION**

- **Postgraduate in Software Engineering**  
Federal University of Paraná  
2016 - 2017
- **Technologist in Systems Analysis and Development, Information Technology**  
Camões Integrated Colleges  
2010 - 2013
- **Bachelor of Information Systems, Information Technology**  
Positivo University Center  
2005

## **CERTIFICATION**

- **Amazon Cloud Professional 1 - AWS HUB**
- **Laravel Course - Authentication - School of Net**
- **Ionic 2 with Pagseguro - School of Net**
- **Docker - School of Net**
- **Laravel with Elasticsearch - School of Net**



- **Rancher - School of Net**
- **Advancing with Rancher - School of Net**

