Robson Gomes de Araújo Júnior | Web Engineering

Performance / Web Vitals / Modular Code
Architecture/Jam Stack/SSG/SSR/CSR
CSS/PreProcessor/JavaScript/NodeJS/Python
DevOps/CI and CD/tests/Git/AWS/GCP/httpserver/uwsgi/Monitoring

github.com/robsongajunior
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medium.com/@robsongajunior
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Articles:
- How LCP performance improved with JAM Stack
- How JAMStack improved Azion's LCP performance

  brazilian portuguese:
  https://robsongajunior.medium.com/

Slides:
- https://speakerdeck.com/robsongajunior

College:
Incomplete - System and Analysis Development - Faculdade de Tecnologia Senac RS

Companies Experience:

Azion Technologies / currently
start: 2018.06.18 - **title**: Senior Web Engineering II

Experienced in Routing Services, Core Services, Marketing, Marketing Engineering, Experience Engineering and currently building UX Engineering under CDXO area being responsible for researches, build tools and automations and now a days we are integrating the user journey being the same interface in the website and in your manager system for our customers. I have ability to be able to fastly publish of several kinds of content, like:

- Astro JS for Documentation
- TRM - Technology Research Manager
- Replacing Jekyll to Azion Flareact;
- Massive CPNJ API discovery;
- Replace paid Wappalyzer API to Internal Open Source ;
- Integrating Web Page Test API to monitor possible new clients;
- CMS Integrations
- blog post;
- build landing page, using page blocks;
- portal careers using external API;
- portal of success cases;

At first I worked in the Routing Services team, where I had the opportunity to build [Azion Pulse](), the R.U.M (Real User Monitoring) product by Azion.
After then, working on the Core Services team, I had opportunities to build many tools for engineers like, scaffold, pre-deploy, integrations frameworks.

- **[Azion Pulse (real user monitoring)]()**: An interface running our [Azion Pulse](), a RUM product, giving a notion of what we do with this product.

- **[Resource Hub]()**: Portal to find content produced to make an easier decision to learn about Azion and our products, the portal is integrated with Landing Pages, Blog, Success Cases. We used Azion Edge Functions, Azion Edge Firewall and SSG Build to generate the necessary json file.

- **[Azion Documentation]()**: Portal to find information on how to, learn about Azion Products or how to configure them.

- **[Ask Azion]()**: The first and beta test using ia to help the customers with better

answers based on multiple content ingested.

- **Cloudcannon Headless CMS:** Migration from Forestry to Cloudcannon both are headless CMS connected on github to help the management content of our SSG projects.

- **Azion Roadmap:** Azion site + Jira integration to expose our public roadmap company;

- **Azion Live Map:** Real time project using GlobeGL to show a slice of volume data of our infrastructure. Very useful during black-friday and keeping online after BF.
- **TRM:** Technology Research Manager is a system developed with Data Team and Market Intelligence Team. Consuming a lot of information from many API and data fonts it is possible to measure the potential of new client. We are using NodeJS, Angular, Docker, TypeScript, Docker, S3, Digital Ocean, SCSS
- **Replace Jekyll to Flareact:** Currently we are migrating our JAM Stack pages from Jekyll to Azion Flareact running in our Edges.
- **Web Page Test:** Integration app with the Web Page Test API to monitor and explore data to capture possible new clients.
- **Wappalyzer Integration:** Replace paid Wappalyzer API to Open Source module to consistently monitor technologies of possible new clients.
- **CNPJ API:** Implemented JavaScript API to discovery massive CNPJ by Company Name. We use Azion Cells product written in JavaScript.
- **Azion Design System:** Studying, discovering and making "pocs", developing integrating all nodes between Design Team and Front-End team, in the final project Design will be able to update a color in the Figma and will be triggered the build.
- **JAM Stack CMS:** Today we integrated Azion web pages into Forestry CMS for Marketing team build landing pages using page blocks manipulating Front-Matters. Able too to the copy writers make posts and in general to manage the website content.
- **Azion Careers portal:** The Azion Careers portal built within the HCM area, to find possible talents.
- **Careers POST API:** API to POST candidates curriculum, the API we use the Lua Azion Functions.
- **Careers GET API:** API using Azion Cells (Edge Function running EcmaScript), get the jobs descriptions to mount the careers portal.
- **Azion JAM Stack:** All the site ecosystem is based on JavaScript, API and Markdown triggering pipelines using GitHub Actions deploying to AWS or GCP storage.

- **Arquitetura/Pipeline Front-End:** On this project we started defining architecture, standards, tests and how the Front-End developers from the company will use all these workflow tools.
- **AztechJS:** Framework Front-End based on factory pattern managing context to avoid broken pages. To easily build interfaces, we configure VueJS like a UI module.
- **Generator Assistant:** Scaffold tool, responsible to deliver initial developing files, sass, javascript, cicd, tests etc.
- **IPath:** Tool written in Python, using a recursive algorithm to find all dependencies. Integrated into Nginx using SSI (server side include). Artigo no medium explicando mais detalhadamente: https://medium.com/@robsongajunior/nginx-ssi-front-end-2110c87b22f7
- **Azion Pulse**: The Azion R.U.M (Real User Monitoring) product, responsible for collecting client side data to improve our CDN Routering.

Terra Networks
start: 2014.02.19 - **title**: developer
start: 2015.10.01 - **end**: 2018.06.01 - **title**: analyst and web developer
From Porto Alegre, Brazil Team, I had experience in the SVA, Portal Technologie, Entertainment and E-mail. At least, built the first Full DevOps team.

- **Ozone Webmail Functional Tests**: Using Python e usando Selenium Webdriver + Unittest we built preview and hlg environment, integrated into Jenkins the testes run before deploy production. Preview we were using Centos(py2.6) and Development Ubuntu(py2.7/3).
- **delivery-mod-ozone Arquitetura Ozone WebmailTemplates**: Using a central delivery of template rendering using Nujunks and Jinja, we were able to render the same template on back-end and front-end. This module could be updated in the only one commit.
- **Ozone Webmail**:
  New user interface to Terra email using SPA (single page application), it was necessary to develop a robust API to communicate to server. Will used Nujunks with zaz-framework. The email was serving many countries. Argentina, Colombia, Chile, Peru, Venezuela, EUA, Mexico. Agora estamos trabalhando para fazer a virada no Brasil.
- **Terra Chat**: Replacing Ejabberd, XMPP and Erlang, to Firebase backend using Python.
- **Terra SVA**: New user interface architecture using zaz-framework, componentizing the pages blocks and scaling the import.
- **Stick Ad**: Front-End solution to increase the views of ads in the page. The solution increases 30% of results.