Contato

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Principais competências

System Migration

module federation

SOLID Design Principles

Languages

Português (Native or Bilingual)

Inglês (Full Professional)

Certifications

NLW Expert trilha de Node.js

JavaScript Certificate

The developer's conference -
microfrontends - speaker

NLW's 1-10

GoStack bootcamp 11. ReactJS/
Native, Node, SOLID, DDD, TDD

Publications

Clean Architecture (Layers, Design
Patterns) - Remove coupling from
React components and make
maintenance and testing easier.

Service Workers: Solving Real
Performance Issues by Unblocking
the Main Thread

Microfrontends architecture with
Module Federation

Module federation, simplifies code
sharing in frontend development.

Clean architecture and SOLID in a
frontend-focused context

Matheus Sunderhus

Specialist Software Engineer @ Azion | React | Vue | React Native
| Nodejs | Jest and Vitest | Cypress | DDD | Clean Architecture and
SOLID
Porto Alegre, Rio Grande do Sul, Brasil

Resumo

Currently a Software Engineer Specialist, I have been working as a
developer since 2016, and I have kept my focus on front-end and
Mobile development.

Over the next few years, I will continue studying Javascript, ReactJS,
and NextJS for front-end and React Native to mobile development,
Node, and C # for building API's, all this uniting DDD and TDD
concepts with clean architecture and quality.
Below are some of my presentations at developer conferences
covering Module Federation, Clean Architecture, and SOLID
principles.

YouTube - SOLID and clean architecture for frontend (React to Vue
showcase) - https://youtu.be/27fHhzH42Fg?t=812
Youtube - Clean Architecture and SOLID with real application
example (frontIn POA event) - https://youtu.be/jBsZ_SSAKEo?
t=7327
YouTube - Module Federation - https://youtu.be/-nYH5KpUXM0?
t=4343
Youtube - Module Federation (TDC Future event) - https://
youtu.be/B8aRqmxDIXA
Spotify - Clean Architecture, Layers, Design Patterns
(Rockeseat API event) - https://open.spotify.com/
episode/5G7aByaMXAlDcQgvXeRP5q

Passionate about studying, I am always looking for new knowledge
and specializations. In my trajectory I got experience with some
languages popularly used in the market and also others that are
focused on maintenance of older systems. I leave below the list of
languages and frameworks used :
- Javascript+Typescript (ReactJS,VueJS, React Native # , NodeJS,
Next, Astro)

- C#
- SQL
- Styled Components, tailwind,scss
- Git+ (Github/Azure)
- Cypress / JEST and Vitest
- Storybook
- Docker
- Module federation
- Github Actions / Travis / Coveralls
- Microsoft SQL Server, Postgres, MongoDb
- GraphCMS, WordPress
- Figma
- Visual Studio Code, Visual Studio

Experiência

Azion
2 anos 3 meses

Software Engineer Specialist
abril de 2024 - Present (2 meses)
Palo Alto, California, United States

- Architectural Development: Responsible for developing, implementing, and maintaining the architecture that supports the entire Azion Console Kit project. This approach allowed me and my team to migrate software with more than 10 years of history in just 4 months.

- Project Migration: Successfully migrated the entire RTM project to the new Azion Console Kit, assuming the roles of architect and providing technical support to the UXE team.

- Performance improvements: Finding and solving performance issues to provide a great user experience

- Testing Implementation: Implemented comprehensive unit tests, end-to-end tests, and mock tests to ensure product quality and optimize our development workflow.

- Stakeholder Collaboration: Colaboration closely with stakeholders to guide the development of innovative product features, ensuring alignment with

business objectives. Also responsible to review and collaborate with designers to implemente and maintain the Azion design system.

- Knowledge Sharing: Actively contribution to tech talks and developer conferences, presenting on topics such as frontend architecture, Design Patterns, Module Federation for micro frontends, SOLID principles, and frontend testing.

Outcomes:

- Efficiency Improvement: Following the adoption of new implementation and architecture patterns, developers can now create CRUD functionalities in minutes rather than hours or days.

- Enhanced Confidence in Delivery: Utilized unit tests and end-to-end tests to bolster confidence in our software delivery process, resulting in more reliable outcomes.

Senior Software Engineer
setembro de 2022 - abril de 2024 (1 ano 8 meses)
Palo Alto, California, United States

Front-End Senior Engineer - Azion - (Porto Alegre)

Daily activities and responsibilities:
- Led the maintenance and feature enhancement of multiple Azion applications, ensuring high-quality front-end solutions.
- Applied software design patterns, including SOLID and DDD principles, to improve code quality and maintainability.
- Conducted training sessions on unit testing and software architecture, empowering team members with essential skills.
- Organized and hosted Agile ceremonies such as Daily Stand-ups and Retrospectives, ensuring team alignment and productivity.
- Actively researched and tested cutting-edge tools and technologies, keeping our tech stack at the forefront of industry standards. For example, AI tools to accelerate the development process and enhance the code development experience.
- Delivered tech talks to foster a culture of learning and innovation within the organization. I have created some of the content for it: Module federation, Service Workers, and Frontend testing.

Key Achievements

- Create the architecture design to migrate the whole frontend Azion platform
- Successfully maintained and improved a large portfolio of front-end applications, enhancing user experiences.
- Bring the adoption of software design patterns to the frontend, elevating code quality and maintainability.
- Facilitated knowledge transfer by conducting training sessions, and empowering team members with crucial technical skills.
- Assist manager in technical decisions and technical requirements.
- Contributed to the organization's innovative edge by researching and testing new tools.
- Promoted a culture of learning and innovation through tech talks.

Technologies Used

- Vue.js, React Js, NextJs and Astro
- Jest and Vitest
- Module Federation
- Storybook
- Cypress
- Tailwind, PrimeVue and SCSS
- Redux, Pinia, Vuex
- Husky
- commit lint
- ESlint, Prettier
- Docker
- Git & GitHub (GitHub Actions)
- Google Cloud Platform (GCP)

Front-end Developer III
março de 2022 - setembro de 2022 (7 meses)
Palo Alto, California, United States

Working as front-end at PLG team, to create new solutions and improve existing ones using the company design system. At AZION, we use AGILE framework, and my daily stack are:
- VUEJS
- Jest
- SCSS
- Storybook
- Husky

- Docker
- Git and Github
- GCP integration
- GitHub Actions

Interprocess - Tecnologia em Saúde
Full Stack Web Developer
dezembro de 2019 - março de 2022 (2 anos 4 meses)
Porto Alegre e Região, Brasil

- Construction of GemedOnco and GemedFarma web products.
- Participation in sprint planning.
- Participation and guidance in making technical decisions for web products.
- Conducting daily meetings to assist the team with: Technical questions, development of activities, use of best practices, and adoption of software architectures.
- Construction and maintenance of API.
- Participation in the selection process for web programmers.
- Assistance in the onboarding of the web team.
- Survey of improvements, implementation of tools and technologies that facilitate the continuous improvement and delivery of projects developed in the web team.
- Creation of documentation.
- Developer responsible for creating and maintaining the company's new website.
Main Stacks:
- React JS + typescript + Styled Components
- Vue3 JS + tailwind
- C#.Net

Construtiva TI
Web Developer
janeiro de 2016 - dezembro de 2019 (4 anos)
Porto alegre

Job assignments :
- Front-End Development.
- Back-End Development.
- Support in managing teams for deliveries
- Translation of wireframes to real code.
- Interfaces focused on the Mobile First concept.
- Support and direct contact with the company's customers.

- Maintenance in legacy and current systems.

- Participation in meetings for new projects.

- Customer training to use the product developed by the company.

- Assistance in technical support

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Languages and tools used:

- Git

- PHP, JavaScript(ES6) , SQL , ASP , HTML5 , CSS3 , SASS.

- Microsoft SQL Server

- Microsoft Visual Studio Code

- Adobe XD, Adobe Photoshop 2019

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Formação acadêmica

IFRS

Desenvolvimento de Sistemas ., Tecnologia da Informação · (janeiro de 2018 - dezembro de 2022)

Rocketseat

GoStack Bootcamp - Focusing on ReactJs, React Native and NodeJS, software engineering · (2020 - 2020)

Ifes - Instituto Federal do Espírito Santo

Técnico em Química, Química · (2011 - 2015)