

# Leonardo Salles

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## Senior Software Engineer

Steering Metalab as a Senior Engineer, my focus lies in crafting high-performance applications that leverage the power of AI technologies. With a solid foundation in Typescript, honed over a decade, my expertise extends to modern frameworks such as React.js and robust backend solutions with Nest.js and TypeORM, including infrastructure expertise using platforms such as Amazon Web Services and Microsoft Azure.

## WORK EXPERIENCE

### Metalab • Remote - Brazil • 01/2025 - Present

#### Senior Engineer • Full-time

- Developed pixel-perfect UIs using React(Next.js and Astro.js) based on Figma designs.
- Implement backend solutions with microservices using Nest.
- Creating backend endpoints to use AWS AppSync.
- Use AWS CDK Stack to develop lambdas to handle events.
- Use AWS CDK to create infrastructure as code.

### Truelogic Software • Remote - Brazil • 10/2023 - 09/2024

#### Full-stack Tech Lead • Full-time

- Creating frontend UIs using Expo with React Native.
- Development of GraphQL resolvers using NestJS.
- APIs integrations to generate AI predictions using Metabase and DataRobot.
- Database storage using TypeORM and PostgreSQL to store results of predictions.
- Management of less experienced developers by creating and monitoring Jira stories assigned to them.

### X-Team • Remote - Brazil • 10/2020 - 10/2023

#### Lead Software Engineer • Full-time

- Development of a Reward System for mobile games using React Native.
- Optimized web page layout and design through effective use of CSS.
- Coordinated deployments of new software, feature updates and fixes using Terraform.
- Optimized software functionality by integrating animations using CSS.
- Created new features using Figma to develop pixel perfect screens using React and MaterialUI.

**AvenueCode • Remote - Brazil • 10/2020 - 07/2021****Senior Software Engineer • Full-time**

- Improved React components to reduce the time to develop a new component from 3 days to 1 day using functional components, it increased overall application speed 2x which improved the customer experience using the app.
- Created main pages as micro-frontend applications to improve deployment from 30 minutes to 5 minutes by deploying apps to different Google Cloud environments, it improved the way we delivered the app different versions and make it more scalable and centralized deployment code using Terraform.
- In 3 months I created a strategy to optimize the application development increasing efficiency by 22%, reducing the learning time from development team using JavaScript and creating a business impact speeding up deliveries from my team.
- Monitoring and deployment of frontend apps using Docker and Sentry.
- Develop micro-frontend apps using React and Webpack.

**South System • Porto Alegre, Rio Grande do Sul, Brazil • 02/2020 - 10/2020****Lead Software Engineer**

- Developed React and React Native framework to allow less experienced developers to develop applications faster by using more simplified components and writing a rich documentation and guides on how to use the framework.
- Collaborate with development and testing team members to design and develop robust solutions to meet client requirements for functionality, innovation, scalability and performance while we automate the process to deploy and delivery new features.
- Created Microservice API using Nest.js and Typescript.
- Built a frontend framework from scratch using Webpack and React.

**Lojas Quero-Quero • Cachoeirinha, Brazil • 03/2018 - 02/2020****Senior Software Engineer**

- Implementation of Brazilian Instant Payment ecosystem called Pix to allow people to pay ecommerce orders instantly with Recaptcha to allow us to prevent automatic payments not coming from real people.
- Architecture of brand-new e-commerce application based in React for more than 300 stores in Brazil, created a lot of components and tutorials for the development team on how to use the framework, it decreased the time to learn things and increased our operational efficiency.
- Developed Microservice Bus using Node.js to redirect and scale backend to be used by frontend application as Backend For Frontend using Node.js.
- Management of less experienced developers of application UI and RESTful Endpoints using Jira cards.

**Vue So • Berlin, Berlin, Germany • 09/2016 - 01/2018****Senior Software Engineer**

- Developed collaborative platform for investors, responsible for creating components with React.

- Define architecture using React with Preact and patterns for application.
- Created RESTful API using Express.js to provide data to frontend.

**SAP Latin América • São Leopoldo, Rio Grande do Sul, Brazil • 09/2015 - 05/2016**  
**Front End Engineer**

- Use of WAI ARIA to optimize apps and make it more accessible to people with disabilities.
- Detect and fix system issues that don't allow components to be accessible for disabilities people and create new components with this features by using SAPUI-5 framework.
- Accessibility improvements using screen readers such as Jaws and VoiceOver.

**Nt Consult • Porto Alegre, Rio Grande do Sul, Brazil • 01/2015 - 08/2015**  
**Software Developer**

- Develop and standardize front-end architecture using Angular.js.
- Create components for development of hybrid applications using Ionic framework Angular.js based with Cordova suite for different platforms such as

**Grupo Rbs • Porto Alegre, Rio Grande do Sul, Brazil • 07/2014 - 10/2014**  
**Front End Developer**

- Create framework and front-end architecture to make new high performance website based on Angular.js.
- Designed and updated layouts to meet usability and performance requirements.

**Totvs S/A • Porto Alegre, Rio Grande do Sul, Brazil • 04/2011 - 06/2014**  
**Java EE Developer**

- Development of web applications using Java EE and frameworks like Hibernate,
- JBOSS Seam, JSF, Primefaces, Richfaces, Weld and technologies like EJB.
- RESTful API's using JBOSS Seam.
- Pixel perfect components using Angular.js.
- Responsible for improve and maintain Single Page Application framework based in Angular.js.

## PUBLICATIONS

### Google Sign-in Button alternative

<https://medium.com/p/e7b02c2c5e4f>

## SKILLS

Android, EventBridge, AngularJS, Application Programming Interface, Blockchain, Continuous integration, E-commerce, Enterprise Java Beans, Express.js, Figma Software, iOS, Java, Lambda, Java Platform Enterprise Edition, MongoDB, Node.js, React Native, Scalability, Single Page Application, Spring Boot, TypeScript, User Interface, User Interface Design, AWS Cloud Development Kit