LEONARDO WILLIAM LOPES

Software Engineer

DETAILS

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LINKS

Portfolio

Github

SKILLS

Javascript

Typescript

NodeJS

ReactJS

NextJS

React Native

Expo

CI/CD

AWS

PROFILE

Senior Full Stack Software Engineer with **5 years of experience** developing **scalable, high-performance** web and mobile applications. Specialized in **React, Next, React Native, Node, and CI/CD**, with a strong focus on **software architecture, performance optimization, and technical governance**.

Currently part of the **Governance team at Buildbox**, defining **technical standards** and driving **structural improvements** to enhance software development efficiency.

EMPLOYMENT HISTORY

Full Stack Engineer, Buildbox   Full Time
Apr 2022 — Present

As a key member of the **Technical Governance team**, I define and enforce **engineering standards** across the organization, ensuring **scalability, maintainability, and efficiency** in software development. My role combines **technical leadership, performance optimization, and strategic decision-making** to drive innovation.

Key Achievements & Contributions:

Technical Governance & Standardization

- Defined and implemented **coding standards, best practices, and architectural guidelines**, improving software quality and reducing technical debt.
- Led initiatives to enhance **code review processes**, ensuring higher maintainability and adherence to best practices.

Performance Optimization & Scalability

- **Reduced mobile app load time by 50%** for **Grupo Petrópolis (700K+ customers)**, cutting resource consumption in half and enhancing user experience.
- **Refactored critical system components**, improving efficiency and reducing latency in key business processes.

High-Impact Project Delivery

- **Accelerated delivery of a high-priority project from 6 months to just 4 months** at **MSD**, ensuring business impact without compromising quality.
- Developed **scalable solutions** for **Lactalis**, the world's largest dairy company, optimizing workflows across **51 countries and 266 production sites**.

Collaboration & Technical Leadership

- Worked closely with **cross-functional teams** (Product, Design, and DevOps) to align technical solutions with business objectives.
- Provided mentorship to developers, fostering a **culture of continuous improvement and knowledge sharing**.

FrontEnd Engineer, Nkey   Freelancer

Aug 2022 — Nov 2022

Played a key role in designing and developing the **content distribution platform** for **Poliedro Sistema de Ensino**, one of Brazil's leading **educational technology** providers. Focused on **scalability, performance, and system reliability** to ensure seamless content delivery.

Key Achievements & Contributions:

Scalable Educational Platform Development

- **Designed and implemented core features** of the platform, ensuring high performance and user accessibility.
- **Optimized system scalability**, enabling the platform to **support 580+ educational units nationwide**.

Performance & System Reliability

- Developed a **robust content distribution system**, ensuring uninterrupted access to learning materials for thousands of students and educators.
- Improved system efficiency, reducing **latency in content delivery** and **enhancing user engagement**.

FrontEnd Developer, Genezys Global Tech   Freelancer

Feb 2022 — May 2022

Worked as a **React developer** on a **crypto exchange platform-**, focusing on **frontend development, performance optimization, and user experience improvements**. Contributed to building a **secure and scalable** financial system in a highly regulated industry.

Key Achievements & Contributions:

Crypto Exchange Development

- Developed and optimized **core trading features**, ensuring a seamless user experience for crypto transactions.
- Implemented **real-time data rendering**, improving responsiveness for price updates and order book interactions.

Performance & Security Enhancements

- Applied **best practices in frontend security**, mitigating vulnerabilities in authentication and transaction flows.
- Improved UI efficiency, reducing rendering time and enhancing the platform's usability.

FrontEnd Developer, MODU
Full Time

Jul 2021 — Feb 2022

Led the **frontend development** of a **healthcare management system** used by **Wanda Horta Health Complex**, a multidisciplinary medical institution. Focused on **performance, usability, and scalability-**, ensuring efficient management of **patients, staff, sales, and revenue**.

Key Achievements & Contributions:

Healthcare System Development

- Designed and implemented a **modern, responsive UI**, improving the platform's usability for medical staff and administrators.
- Developed key **data visualization components**, enhancing decision-making through intuitive dashboards.

Performance & Optimization

- **Optimized frontend rendering**, reducing load times and ensuring smooth navigation across critical system features.
- Implemented **state management best practices**, improving maintainability and reducing re-rendering issues.

Cross-Team Collaboration & Scalability

- Worked closely with **backend developers and product stakeholders** to align UI/UX with business and operational needs.
- Delivered a **scalable solution**, allowing the system to handle an increasing number of users and medical records efficiently.

Freelance Mobile Developer
Freelancer

Jun 2020 — May 2021

Worked as a **React Native developer**, contributing to various **mobile applications** in different industries. Developed **new features, optimized performance, and maintained existing apps**, gaining hands-on experience in the **full mobile development lifecycle**.

Key Achievements & Contributions:

Mobile App Development & Maintenance

- Built and optimized **React Native applications** for diverse clients, improving performance and user experience.
- Provided **technical support and bug fixes** for existing apps, ensuring stability and long-term maintainability.

Full Development Cycle & Problem-Solving

- Developed **new features from scratch**, collaborating with clients to transform business needs into functional applications.
- Implemented **efficient state management and UI optimizations**, reducing app crashes and improving responsiveness.

Client Collaboration & Career Growth

- Worked directly with **clients and teams**, refining communication and project management skills.
- Established a **solid foundation in mobile development**, which later fueled my transition into larger-scale projects.