

# Juan Rebella

## Senior Software Engineer

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### Personal Profile

Hey there, I'm Juan. I'm a **software engineer from Uruguay** and I specialize in **frontend** development with **React.js**.

Despite my passion for Frontend, I kickstarted my career as a full stack developer working for a very small startup. There I had the opportunity to work with a multitude of small/medium projects and clients, allowing me to gain experience in many technologies and areas including **DevOps** and **Machine Learning**.

Nowadays I'm working as a **Technical Lead for an American company in the Health Industry**.

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### Professional Experience

#### Expressable / Tech Lead

May 2022 - Today

- **Frontend Technology Lead** on a team of ~15 engineers with multiple interconnected projects for the **American Health industry**
- Define and maintain **quality standards**. Provide guidance to help the team increase maintainability of the codebases. Standardize technologies across applications. Set up tooling to enforce code quality, unit test coverage, etc.
- Provide **accessibility expertise** in order to meet industry standards
- Frontend **DevOps** for the various production applications. Build **CI/CD solutions and toolings** to increase team efficiency
- Study how the different areas of the team communicate and work together (QA, design, product, development), identify bottlenecks and inefficiencies in order to devise **improved engineering processes** and increase overall productivity
- Working closely with UX/UI experts to **build an internal design system** in order to standardize the company's image and increase reusability across projects

Technology stack: **React.js, TailwindCSS, Sass, Storybook, Node.**

#### W.W. Norton / Senior Frontend Engineer

January 2021 - Today

- **Frontend lead developer** for a fully-accessible platform in the **EdTech industry**. Large data visualization and manipulation within a modern UI and excellent UX
- Contributed to the development and technical design of an open source **design system** with a focus on **accessibility**
- Worked closely with UX/UI experts to design reusable UI components and accessibility standards

Technology stack: **React.js, Next.js, Sass, Storybook, Node.**

## Oktana Corporation / Senior Frontend Engineer

July 2020 - January 2021

- Collaborated with **multiple scrum teams** for a large investment platform for the **FinTech industry**
- Helped migrate legacy React code to modern standards and set a path for future development in order to ensure maintainability
- Developed high-performance widgets used to visualize financial data over variable periods of time and a multitude of filters and graphs

Technology stack: **React.js, Sass, Node.**

## Marvik.ai / Full Stack Developer

October 2018 - July 2020

Marvik being a very small startup at the time, I had the opportunity to do a little bit of everything across many small/medium projects. From fullstack development to DevOps, machine learning and data processing algorithms

- Built and shipped a chatbot platform for real time monitoring and human take-over
- Contributed to building and designing data processing pipelines on embedded devices
- Helped build a large platform that integrates multiple machine learning pipelines and algorithms for an integrated and fully-independent solution to data gathering, processing and end user communication
- Data visualization and analytics

Technology stack: **GoLang, React.js, React Native, Python, TensorflowJS, MySQL, AWS, Docker.**

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### Technologies

**Vast experience in Frontend web development and the React ecosystem / Javascript, React.js, Next.js, React Native**

5+ years working with the React ecosystem, I've used most of the popular libraries and APIs like Redux, Sagas, Context, react-query, xstate, etc.

**Three years experience developing with compiled languages for backend / GoLang, Java, C#**

RESTful web APIs, microservices, real-time interaction systems and decentralized processing chains. Solid low-level knowledge regarding operating systems, synchronization and efficient resource usage.

**Work Methodologies and Tools / Scrum, Test-Driven Development, Git Databases / MySQL, MariaDB, MongoDB**

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## **Academic**

**Botia / AI Deep Learning Course**

April 2019

**ORT University / Software Engineering**

March 2015 - 2020

**Liceo Crandon (High School) / Engineering orientation**

2002 - 2014

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## **Languages**

**Spanish - Native**

**English - Advanced level C1**