Jonathan Arias *23 años*

Desarrollador Full Stack

Student Software Engineer / Venezuela / jonathan2002dev@gmail.com / www.linkedin.com/in/jonajam / (+58) 414-7614171

Summary

Sr. Full-Stack Engineer with over 4 years of experience building and scaling high-performance applications using **React, Next.js, and Node.js**. Proven track record in designing **real-time architectures (WebRTC/Socket.io)** and **microservices** that have increased client productivity by **30%**. Expert in leading technical decisions and recruitment, with a strong eye for clean code and elegant design details that have boosted user conversion by **40%**.

EXPERIENCE

Front-End Developer Ibis 02-2021 / 08-2023

➢ **Architected and implemented microservices** using the **MERN stack**, ensuring modularity and scalability while following **Clean Architecture** principles to promote code reusability. +4

➢ **Boosted user conversion rates by 40%** by developing high-performance landing pages with interactive animations, which also increased average time-on-page by **25%**.

➢ **Containerized applications using Docker** to streamline distribution and deployment processes across different environments. +4

➢ **Engineered secure authentication systems** and role-based access control (RBAC) following **Auth0** industry standards.

➢ **Collaborated with design teams** to implement UI/UX components, proactively suggesting "look-and-feel" enhancements that improved overall user engagement.

➢ **Managed state and styling** for complex web applications using **Redux, Tailwind CSS, and SASS**.

FullStack Developer Venqis 05-2023 / 04-2025

➢ **Designed the architecture** for a private messaging service supporting real-time chat, voice calls, and video calls using webRTC and PHYTON, defining communication flows, and scalability strategies. The solution was later implemented across web and mobile platforms and adopted by political institutions in Panama, Venezuela and Spain

➢ **Acted as Technical Lead across multiple projects**, collaborating with cross-functional teams to translate complex architectural designs into production-ready solutions.

➢ **Directed the technical recruitment process** for the Full-stack team, designing coding challenges and conducting interviews that resulted in the successful hiring of **6 developers**.

➢ **Integrated advanced state management and UI tools**, including **Redux, Mantine, and Socket.io**, to ensure seamless real-time data flow and consistent user experiences for global clients

➢ **Architected and implemented AI-driven support systems** by integrating **OpenAI (GPT-4)** and **Anthropic (Claude)** APIs, reducing manual support ticket volume by **45%** through automated, context-aware responses.

Technical Lead Full-Stack /Nolatech 01-2024 / actualidad

➢ **Designed autonomous AI Agents** using **Python** and **Node.js** to automate complex internal workflows, such as automatic lead categorization and intelligent data extraction from high-impact client documents.

➢ **Led the design and implementation of cross-platform desktop applications** (WhatsApp Web-style) using **React and Electron**, sharing business logic with **Next.js** to maximize code reuse and long-term maintainability.

➢ **Developed high-impact Administrative Panels (HUB/CMS)** using **React.js, Next.js, and MUI** , increasing client productivity by **30%** through workflow automation and centralized management of high-impact information.

➢ **Engineered an end-to-end E-learning platform** , managing everything from UI conceptualization to the full implementation of student and instructor portals with progress tracking and evaluation systems.

➢ **Built comprehensive AI Analytics Dashboards** using **React and Mantine UI**, allowing clients to monitor AI performance, token usage, and user satisfaction metrics in real-time.

Language

- Spanish(native)
- English(B1)

Skills

- ❖ Javascript
- ❖ Typescript
- ❖ Express
- ❖ React
- ❖ React Native
- ❖ Redux
- ❖ Redux Sagas
- ❖ React Query (RTK Query)
- ❖ GraphQL
- ❖ Zustand
- ❖ React Testing Library
- ❖ Tailwind
- ❖ Loopback
- ❖ Playwright
- ❖ Puppeteer
- ❖ Python
- ❖ Node

Personal Page:
https://landing-me-henna.vercel.app/