

Jimmy García

Senior Software Engineer | Frontend Architecture | SaaS Product Development | React, Vue & TypeScript

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Professional Summary

Senior Software Engineer with more than 20 years of experience designing and building enterprise platforms, SaaS products, and modern web applications.

Specialized in frontend architecture using React, Vue, and TypeScript, focused on building scalable, maintainable, and high-performance solutions that solve real business problems. My approach combines software architecture, engineering best practices, and user experience to create products designed to evolve and scale over time.

Throughout my career, I have contributed to digital transformation initiatives for organizations such as **Tupperware**, **Telcel**, **Ualá**, and **PEMEX**, developing solutions used by thousands of users and leading the modernization of legacy systems into modern web platforms.

In addition to my corporate experience, I currently build my own SaaS products such as **NMDA Events**, a comprehensive event management platform where I combine software engineering, frontend architecture, product vision, and user experience to build scalable solutions.

Specialization

- Frontend architecture for SaaS platforms and enterprise products.
- Design of scalable systems based on reusable components and modular architectures.
- Modernization of legacy applications into modern web technologies.
- Development of digital products focused on business value and user experience.
- Integration of cloud services, REST APIs, and backend platforms.
- Process automation and operational optimization through software.

Key Impact

- Designed and developed enterprise platforms used daily by thousands of users across retail, financial, and industrial sectors.
- Created **Tupper Chat**, a WhatsApp-based digital assistant with more than 13,700 active users.
- Led the modernization of legacy systems into scalable and modern web architectures.
- Automated operational processes that increased efficiency by up to 30%.
- Designed and built proprietary SaaS products focused on event management, business automation, and electronic invoicing.

Technical Skills

Frontend

React, Vue 3, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Sass.

Software Architecture

Frontend Architecture, Clean Architecture, Modular Architecture, Reusable Components, SaaS Product Design.

State Management and Data

Zustand, Pinia, TanStack Query, TanStack Table, React Hook Form, Axios, REST APIs.

Backend

Node.js, Express, .NET Core, Firebase, Supabase.

Databases

PostgreSQL, SQL Server, MongoDB, MySQL.

Cloud & DevOps

Docker, Git, GitHub, Microsoft Azure, AWS (S3, CloudFront, Amplify), CI/CD.

Testing and Quality

Vitest, Jest, ESLint, Prettier.

Professional Experience

Senior Software Engineer

2024 – Present

NMDA Solutions / Technology Consulting and SaaS Products — Mexico

- Founder and main responsible for the design, architecture, and development of **NMDA Events**, a SaaS platform for comprehensive event management built from scratch with Vue, Node.js, and Firebase, currently used to manage attendees, badges, surveys, and real-time interactive experiences.
- Designed and developed strategic modules for the **b360ai** SaaS platform, used by enterprise clients such as **Telcel** and **Ualá**, focused on dynamic forms, operational trays, and administrative workflows.
- Led the development of scalable frontend applications with React and TypeScript, implementing modular architectures, reusable components, and separation of concerns to improve maintainability and long-term evolution.
- Modernized legacy systems built in VB6 into modern web platforms using React and Supabase, reducing dependency on obsolete technologies and improving operational accessibility.
- Designed SaaS solutions focused on event management, electronic invoicing, and administrative platforms, integrating authentication, role-based access control, and cloud persistence.
- Implemented microservices and automations for email delivery, operational workflows, and backend services deployed on AWS and Supabase.
- Applied engineering best practices such as clean architecture, frontend testing, and scalable project organization focused on product growth.

Senior Full Stack Developer

Jun 2012 – Jul 2023

Tupperware Brands Mexico — Mexico City

- Led the development of more than 15 internal digital solutions for Marketing, Human Resources, and Operations teams, driving digital transformation initiatives within the organization.
- Designed and developed enterprise platforms for internal sales, attendance tracking, photo management, and trend analysis, used by national operations teams.
- Created **Tupper Chat**, a WhatsApp-based digital assistant that reached more than 13,700 active users, improving communication, technology adoption, and access to digital tools.
- Implemented modern frontend applications using Vue 3 and TypeScript, focused on scalability, maintainability, and user experience for corporate environments.
- Developed and integrated REST APIs using .NET and SQL Server to support business logic, process automation, and communication between enterprise systems.
- Automated operational processes that increased organizational efficiency by approximately 30%, reducing manual work and improving internal operations.
- Participated in cloud deployments on Microsoft Azure, ensuring availability, stability, and continuous evolution of corporate applications.
- Developed Android/iOS mobile applications for the sales force and interactive digital experiences using Appcelerator and Unity.

Software Developer

Apr 2011 – May 2012

Global Logos System — Mexico City

- Developed and optimized production modules for **FEMSA Jugos del Valle**, improving operational stability and business process integration.
- Participated in research and development initiatives focused on emerging mobile technologies and cross-platform applications.
- Developed the mobile application **Cazabaches**, focused on reporting and managing urban infrastructure incidents through mobile devices.
- Explored and implemented new mobile technologies to expand digital capabilities within the organization.

Analyst Programmer

Nov 2008 – Dec 2010

Amports de Mexico — Mexico City

- Developed and maintained critical billing and operations systems integrated with AS400 and SQL Server to support logistics and business operations.
- Implemented improvements in web and mobile applications focused on optimizing field operations and administrative processes.
- Managed virtual infrastructure and provided operational support across six national locations, ensuring technology continuity and operational stability.
- Collaborated directly with operational and administrative teams to align technology solutions with real business needs.

Freelance Software Developer

Aug 2004 – Oct 2008

Independent Projects

- Developed more than 10 custom business solutions for retail, healthcare, and industrial sectors, including billing systems, inventory systems, POS solutions, and administrative platforms.
- Designed and implemented end-to-end applications focused on optimizing processes, centralizing information, and improving business operations.
- Automated administrative and operational processes for different clients, increasing efficiency and organizational control.
- Developed solutions for high-profile clients such as **PEMEX Cadereyta Refinery**.

Education

Bachelor's Degree in Computer Systems Engineering

2004

Instituto Tecnológico de Ciudad Madero

Languages

Spanish: Native

English: B2 Upper-Intermediate — professional communication, technical meetings, and documentation