

Maydel Rego

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Professional Summary

Results-driven Full-Stack Developer with 5+ years of experience architecting scalable web applications and high-performance APIs using Node.js, NestJS, and Vue/React ecosystems. Expertise in designing backend infrastructures with TypeORM and Sequelize, complemented by seamless integrations for Stripe, SendGrid, and real-time analytics dashboards. Proven success in managing containerized deployments via Docker and GCP, delivering end-to-end solutions that optimize system performance.

Work Experience

PresGroup Realty | Danville, CA

Full-Stack Engineer | July 2019 – Oct 2025

- Overhaul the front-end using Vuetify's material design components, accelerating the development cycle by 30% and ensuring full mobile responsiveness
- Integrate SendGrid and TinyMCE rich-text editor into the platform, automating 100+ monthly transactional emails and reducing content support call-backs
- Centralize application logic by implementing a structured Vuex architecture, reducing redundant API inquiries by 40% and ensuring data consistency across different components
- Refactored a legacy PHP platform into a Vue-based front-end, improving Page Load speeds by 35% and boosting user engagement by 20%
- Engineered an automated data pipeline between Google Analytics and Chart.js, increasing user session visibility by 100% and enabling data-driven UI optimizations

Lexa Quest | Kansas City, MO

Full-Stack Developer | March 2025 – Present(Support)

- Developed a dynamic role-based routing system nested with parent/child layouts, improving navigation security and reducing unauthorized access attempts
- Built an interactive Recharts "Stats" dashboard visualizing weekly task completion and star earnings, boosting parent engagement with progress-tracking
- Automated asset management workflows by developing NestJS seed scripts with CloudinaryModule, reducing manual data entry time during environment setup
- Architected scalable NESTJS/TypeORM data models for task and reward systems, boosting daily active users via real-time streak and achievement tracking implementation
- Designed and implemented a dual-tier authentication system using passcode-only logins for minors and JWTs for parents, enhancing platform security while maintaining frictionless UX

Kay's Barbershop | Overland Park, KS

Full-Stack Developer | December 2024 – Present(Support)

- Built secure end-to-end verification with @sidebase/nuxt-auth and NestJS Passport, eliminating session hijacking via JWT rotation/refresh tokens
- Engineered a secure merchant dashboard with Nuxt middleware, centralizing service portfolio management with authenticated access to sensitive business analytics
- Architected a Nuxt3/Pinia scheduling interface with Stripe integration for automated no-show fee processing, reducing missed appointments and increasing realized revenue by 30%+
- Developed an interactive analytics suite using Chart.js and Vue-Cal to visualize revenue/booking heatmaps, enabling data-driven scheduling that boosted peak-hour resource utilization
- Implemented a robust background feature using BullMQ and NestJS to manage SendGrid email notifications, reducing API latency by and achieving reminder delivery success

Yoly's Delights | Kansas City, MO

Full-Stack Developer | August 2022 – Present(Support)

- Implemented Strapi CMS into the application architecture, reducing content update turnaround time by 60% and allowing users to manage data independently
- Architected a Next.js 15 application with React 19, Redux Toolkit, TanStack Query, and Tailwind CSS v4, implementing type-safe state management and optimized server-state caching for enhanced performance
- Developed responsive, mobile-first interfaces using Tailwind CSS and PrimeReact component library, implementing advanced features like drawer navigation, dynamic theming, and intersection observers for improved user engagement
- Integrated Stripe Checkout with secure server-side session handling and automated invoicing system, resulting in a 2–3× increase in monthly recurring revenue through streamlined payment experiences
- Currently migrating to a modern React ecosystem with Redux, Redux Toolkit and Tailwind CSS
- Leveraged TanStack Query for efficient server-state management with automatic caching and background refetching, reducing API calls by implementing smart query invalidation and optimistic updates
- Incorporated SendGrid API to automate transactional emails, achieving a 98% delivery rate and cutting manual notification tasks by 10 hours/month

Skills

Full-Stack Development, System Architecture & Data Modeling, Unit & End-To-End Testing, Version Control & Collaboration, API Design & Integration, Containerization & Orchestration, Database Management

Technologies

Languages: JavaScript, TypeScript

Backend Frameworks: Node.js, NestJS, Express

Frontend Frameworks & Libraries: Vue 2-3, Nuxt3, React, Redux, Pinia, Vuex, Material UI, PrimeVue, PrimeReact, Tamagui, Vuetify, NuxtUI, Chart.js, Tailwind CSS

Mobile Development: React Native, Expo

Databases & Caching: MySQL, PostgreSQL, Redis, MongoDB

Architecture: RESTful APIs, Microservices

Tools & DevOps: Git, Docker, Monday, ClickUp, GitHub, GCP, Google Analytics, Stripe, SendGrid, Strapi CMS, Revenue Cat

Education

Associate Degree in Computer Information Systems | Martires De Chile | Graduation Date: Jun 2010

Professional Training

Coding Certificate | University of Kansas Coding Bootcamp | Completion Date: May 2019