

MAYDEL REGO

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Professional Summary

Full Stack Software Engineer with over 5 years of experience designing, developing, and deploying scalable web applications. Proven expertise in modern JavaScript frameworks, RESTful API development, and database architecture. Adept at collaborating with cross-functional teams to deliver high-quality software solutions that drive business growth.

TECHNICAL SKILLS

Front-End: Vue.js, Nuxt3, React, Redux, HTML5, CSS3, JavaScript, Bootstrap, Material UI, PrimeVue, Vuetify, NuxtUI, Chart.js, Tailwind CSS

Back-End: Node.js, NestJS, Express, Sequelize ORM, TypeORM, RESTful APIs

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Git, Docker, GCP, Google Analytics, Stripe, SendGrid, Strapi CMS

EXPERIENCE

PesGroup Realty/ Software Engineer

Currently working Full Time since 2019

- Doing Full Stack development, working with NodeJs, Sequelize ORM, MySQL and VueJs with Vuetify
- Migrated legacy PHP app to new modern Vue Application (full stack)
- Worked with Google Analytics and Reporting with Chart.js integration in Vue
- Complete Vuex store and modules, mutations, actions, setters and getters
- Great team environment, thanks to the hire of my former teacher at KU Bootcamp
- Understanding of Vuetify as a UI Library for Vue and its components
- Implementation of SendGrid for email notifications and TinyMCE editor

FREELANCE EXPERIENCE

Lexa Quest / Full-Stack Developer

March 2025 - Present/Providing Support

FrontEnd Repo: <https://github.com/maidelrego/lexa-quest>

BackEnd Repo: <https://github.com/maidelrego/lexa-quest-server>

Site: <https://www.lexaquest.online>

As lead on Lexa Quest—a gamified chore & reward app for families—I architected every layer from NestJS APIs to Nuxt 3/Vue 3 interfaces. Specially build for my daughter to introduce good habits

- **Task & Reward Engine:** Designed NestJS/TypeORM models for tasks, repeat schedules, and reward-redemption logs; implemented achievement triggers and streak tracking in real time.
- **Pinia + NuxtUI Frontend:** Built parent/child layouts with dynamic role-based routing, animated UIs (Gas-station-style counters, confetti), and store sections for unlocking themes/avatars via stars.
- **Cloudinary Uploads & Seeders:** Created NestJS seed scripts using CloudinaryModule to bulk-upload avatars/banners, populating the store table programmatically.

- **Authentication & Passcode Flow:** Implemented a passcode-only login for children and JWT-based auth for parents, securing all routes and enabling token refresh without persistent passwords.
- **Analytics Dashboard:** Added a “Stats” tab with Recharts line & bar charts for week-over-week task completion and star earnings, helping parents monitor engagement.

Kay's Barbershop / Full-Stack Developer

December 2024 - Preset/Providing Support

FrontEnd Repo: <https://github.com/maidelrego/kaysbarbershop-vue>

BackEnd Repo: <https://github.com/maidelrego/kay-barbershop-server-nestjs>

Site: <https://www.kaythebarber.com>

- **Appointment Flow & Stripe Integration:** Created booking UI in Nuxt 3 with client-side PINIA stores, then wired Stripe Setup Intents so barbers can charge no-show fees securely.
- **Admin Dashboard / CRM:** Developed a protected `/dashboard` area (Nuxt middleware) for barbers to manage services, portfolios (Cloudinary uploads), and view analytics.
- **Analytics & Charts:** Integrated Chart.js and Vue-Cal to display daily/monthly/yearly revenue and booking heatmaps, driving data-informed business decisions.
- **Authentication & Authorization:** Configured @sidebase/nuxt-auth with JWT + refresh tokens; built NestJS Passport modules to guard client vs. admin routes.
- **Background Jobs & Notifications:** Leveraged Bull/BullMQ in NestJS for email reminders (SendGrid) and cleanup tasks, ensuring timely communications and system stability.

Yoly's Delights / Freelance Software Engineer

August 2022 -Preset/Providing Support

Frontend Repo: <https://github.com/maidelrego/yolys-delights-client>

Backend Repo: <https://github.com/maidelrego/yolys-delights-server>

Site: <https://www.yolysdelights.com>

- Engaged in full-stack development utilizing cutting-edge technologies including Vue 3, Vuetify 3, Pinia, TypeScript, Strapi, and Stripe with SendGrid integration for email functionality.
- **Vue 3 and Vuetify 3 Development:** Developed dynamic and responsive front-end interfaces using Vue 3 and Vuetify 3, leveraging the latest features and components to ensure an intuitive user experience.
- **Pinia State Management:** Implemented Pinia for state management, utilizing its powerful
- **Strapi CMS Integration:** Integrated Strapi CMS to provide a flexible and customizable content management solution, empowering clients to easily manage their content and data.
- **Stripe Payment Gateway Integration:** Integrated Stripe payment gateway to enable secure and seamless online payments, ensuring a smooth checkout experience for users.
- **SendGrid Email Notifications:** Implemented SendGrid for email notification functionality, allowing the system to send automated emails for various events and actions within the application.

Tourney Forge / Software Engineer

May 2023 - September 2023

Frontend Github: <https://github.com/maidelrego/eSportsTournaments-react-client>

Backend Github: <https://github.com/maidelrego/e-sports-tourneys-server>

Site: <https://e-sports-tournaments-react-client.vercel.app>

- As a software developer for Tourney Forge, I contributed to the development of a dynamic and feature-rich web application utilizing a stack comprising React, PrimeReact, Redux Toolkit, NestJS, PostgreSQL, and Firebase authentication.
- **Redux Toolkit State Management:** Implemented Redux Toolkit for efficient state management, ensuring a predictable and centralized state throughout the application while minimizing boilerplate code.
- **NestJS Backend Development:** Contributed to the development of the backend using NestJS, leveraging its modular architecture and robust features to build scalable and maintainable APIs.
- **PostgreSQL Integration:** Integrated PostgreSQL database to store and manage application data, ensuring data integrity and optimal performance.

- **Firestore Authentication:** Implemented Google Sign-In using Firestore authentication, providing secure and seamless authentication for users across various platforms.

EDUCATION

Bootcamp Certificate: KU Coding Bootcamp, Overland Park, KS

- A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firestore, NodeJS , MySQL, MongoDB, Express, Handelbars.js & ReactJS

Degree or Certification: IT Technician , Havana, Cuba