

Gary Antezana Torrico

Software Engineering

With over 4 years in IT, I specialize in frontend development, particularly with React.js. I've tackled complex asynchronous problems and resolved 'prop drilling' using context APIs and Redux. My expertise extends to JavaScript, CSS, and SASS, allowing me to create responsive and dynamic user interfaces. I've also developed numerous personal and professional React applications.

Experience

Web Developer - Smartincode

December 2020 - March 2024

During my tenure at Smartincode, I was responsible for designing, developing, and maintaining various web projects. Here's a detailed overview of my contributions and daily responsibilities:

Web Design and Development

- Technologies Used: PHP, SASS, JavaScript, HTML, JQuery
- Developed and maintained websites using PHP templates, ensuring robust backend functionalities.
- Implemented styling with SASS, allowing for scalable and maintainable CSS. Utilized JavaScript and jQuery to add interactivity and responsiveness to web pages.
- Created dynamic and responsive web designs, enhancing user experience across various devices.

Email Marketing Campaigns

- Technologies Used: Mailchimp, Klaviyo
- Designed and developed responsive email newsletters using HTML and CSS, ensuring compatibility across different email clients.
- Managed email marketing campaigns through Mailchimp and Klaviyo, optimizing email templates for better engagement and conversion rates.

Dynamic Content Management

- Technologies Used: WordPress, ACF (Advanced Custom Fields)
- Utilized ACF to make WordPress pages dynamic, incorporating custom fields, groups, and repeaters to manage content more effectively.
- Ensured seamless integration of ACF with WordPress themes and plugins, providing clients with easy-to-use interfaces for content updates.

Web Hosting and Maintenance

- Technologies Used: WPEngine
- Managed website hosting and maintenance using WPEngine, performing regular backups, setting up redirects, and managing FTP access.
- Implemented geographical restrictions to comply with client requirements and regulations.

WordPress Page Builders

- Technologies Used: WPBakery, Elementor, BeaverBuilder, Divi, Gutenberg
- Designed and developed web pages using various WordPress page builders such as WPBakery, Elementor, BeaverBuilder, Divi, and Gutenberg.
- Customized themes and templates to meet client specifications, ensuring consistency and high-quality design.

E-commerce and Payment Gateways

- Technologies Used: WooCommerce
- Configured and managed payment gateways with WooCommerce, facilitating secure and efficient online transactions.
- Developed custom WooCommerce solutions to enhance the functionality of e-commerce websites.

SEO Optimization

- Technologies Used: YoastSEO
- Conducted SEO optimization using YoastSEO, improving website visibility and search engine rankings.
- Implemented best practices in on-page SEO, including keyword optimization, meta tags, and content structuring.

Achievements

- Successfully designed and launched multiple client websites, meeting and exceeding client expectations in terms of design, functionality, and performance.
- Improved website engagement and email campaign effectiveness through responsive design and targeted email marketing strategies.
- Enhanced website performance and user experience with effective use of WordPress page builders and SEO optimization techniques.

Software Engineering - Freelancer

May 2020 - November 2020

As a freelancer, I undertook several projects, including the creation of a management system for a tire company, and worked on personal projects to update my portfolio. Here's an in-depth look at my contributions and daily responsibilities:

Management System Development

- Technologies Used: Odoo, Python, JavaScript

- Designed and developed a comprehensive management system for a tire company using Odoo. This included modules for inventory management, sales tracking, and customer relationship management (CRM).
- Utilized Python to customize Odoo modules and configure workflows to meet the specific business needs of the tire company, enhancing operational efficiency.

Authentication Method Development

- Technologies Used:** Firebase, Supabase
- Implemented a secure and scalable authentication method using Firebase and Supabase to manage user authentication and authorization. This included features such as user registration, login, password reset, and email verification.
- Ensured data security and seamless user experience by integrating Firebase Authentication with Supabase's database services.

API Integration

- Technologies Used:** JavaScript, React.js, Node.js
- Integrated multiple third-party APIs into web applications using JavaScript and React.js. This included fetching and displaying data dynamically, handling asynchronous operations, and managing API responses effectively.
- Developed backend services with Node.js to handle API requests and provide data to the frontend, ensuring efficient and secure data exchange.

Frontend Development

- Technologies Used: React.js, CSS, Next.js
- Build responsive and user-friendly interfaces using React.js and CSS. Leveraged Next.js to create server-side rendered React applications, improving performance and SEO.
- Employed modern JavaScript ES6+ features to write clean and maintainable code, enhancing readability and performance.

Achievements

- Successfully delivered a fully functional management system tailored to the tire company's requirements, significantly improving their operational efficiency.
- Enhanced authentication processes through the implementation of Firebase and Supabase, ensuring robust security and user management.
- Demonstrated proficiency in modern web development technologies by integrating complex APIs and developing responsive, high-performance web applications.

Software Engineering - JalaSoft

February 2020 - April 2020

During my time at JalaSoft, I was responsible for developing new features and maintaining the existing codebase for a web application. Here's a detailed look at my role and contributions:

Daily Workflow and Responsibilities

- Participated in daily stand-up meetings to update the team on progress, discuss any blockers, and plan for future tasks.
- Conducted code reviews and actively participated in team discussions to maintain high code quality and share knowledge.
- Worked closely with team members to gather and understand new feature requirements and translate them into technical specifications.

Frontend Development

- Developed new features and fixed bugs within the React.js codebase, ensuring a smooth and responsive user experience.
- Led the migration of components from Angular to React.js, improving the overall maintainability and performance of the application.
- Addressed issues related to prop drilling by refactoring the state management approach, utilizing context APIs and React hooks to ensure a more centralized and manageable state within the application.

Proof of Concept (POC)

- Technologies Used: Axios, JavaScript
- Conducted a proof of concept for creating an interceptor with Axios to automatically remove null objects from payloads received by the frontend. This significantly improved data handling and reduced potential errors in data processing.
- Presented the POC to the team, demonstrating its effectiveness and integrating it into the main codebase after approval.

Backend Interaction

- Technologies Used: Node.js, NEO4J
- Interacted with the backend systems using Node.js and the NEO4J database. Ensured seamless communication between the frontend and backend, and optimized endpoint interactions for better performance.

Achievements

- Successfully completed the migration from Angular to React.js, contributing to improved application performance and maintainability.
- Enhanced data handling practices through the implementation of the Axios interceptor, reducing the frequency of null object-related issues.

Developer Full Stack - Fundación Jala

March 2019 - January 2020

At Fundación Jala, I played a pivotal role in the development of an in-person events management project. Here's an in-depth look at my contributions and daily responsibilities:

Daily Workflow and Responsibilities

- Engaged in daily stand-up meetings to discuss progress, blockers, and upcoming tasks, ensuring seamless team collaboration.
- Conducted code reviews and participated in pair programming to maintain high code quality and facilitate knowledge sharing among team members.
- Collaborated closely with designers and product managers to translate business requirements into technical specifications and actionable tasks.

Backend Development

- Designed and implemented a CRUD API using Node.js and Express. This entailed building various routes and controllers to handle operations such as creating, reading, updating, and deleting event-related data (GET, POST, PUT, DELETE).
- Ensured data integrity and performance optimization by leveraging MongoDB for database management, incorporating schema designs and indexing strategies.

Frontend Development

- Developed the frontend of the application from scratch using React.js. Created reusable components to streamline the development process and maintain consistency across the application.
- Effectively managed the state of the application using Redux, which included actions, reducers, and middleware to handle asynchronous operations.
- Addressed and resolved issues related to prop drilling by implementing Redux to centralize state management and facilitate easier data flow between components.
- Configured React Router for seamless navigation and enhanced user experience, ensuring a responsive and dynamic user interface.

CI/CD Implementation

- Technologies Used for DevOps: GitLab CI/CD
- Automated the integration and deployment processes using GitLab Actions. Set up pipelines for running tests, building the application, and deploying to staging/production environments.
- Monitored the CI/CD pipelines and resolved build issues to maintain a reliable and efficient development workflow.

Achievements

- Successfully launched the project on time, meeting all client requirements and expectations.
- Improved code maintainability and scalability through effective use of modern development frameworks and best practices.
- Enhanced team productivity and collaboration through effective communication and agile methodologies.

Developer Full Stack - San Simón University

July 2018 - December 2018

- Develop an application that allows you to search for discounted products, through subscriptions to stores to receive personalized notifications.

ReactJs, NodeJs, GitHub, Nodemailer, MongoDB, JavaScript, CSS

Education

Informatics Engineering

February 2015 - November 2018

University Mayor de San Simón, Cochabamba Bolivia

Languages

- Spanish: Native.
- English: Nivel – B2. [English certificate](#)