DIEGO VIELMA

Software Engineer, Proficient in **ReactJS, NextJS, React Native** and **NodeJS** with more than **6 years** of experience Building Professional Web Applications.

EDUCATION

Universidad Rafael Belloso Chacín

Bachelor of Engineering - BE, Software Engineering · (2017 - 2021)

CERTIFICATIONS

Computer Graphic Designer ⭐ Certificate of Excellence, FIRST Global Challenge ⭐ Computer Technical Programmer ⭐ Specialization in Web Programming ⭐ English

EXPERIENCE

⭐ Ugami - Debit Card for Gamers (Jul-2022 / Jan-2023)
Software Engineer

As a **Software Engineer** at Ugami, I worked in a team of +30 and I spearheaded the enhancement of a **React Native** application by **architecting the structure, logic, and data** for seamless **localization** using **I18next**. Additionally, I played a pivotal role in the development of a Web Onboarding Application hosted on **AWS S3**, implementing user-facing features and ensuring **optimal performance**.

My commitment to quality was demonstrated through the adoption of **Test-Driven Development** and **end-to-end testing with Detox**, contributing to a robust and reliable codebase. I actively promoted **best-practice standards**, conducting code reviews, and **collaborating with cross-functional teams** to establish and maintain coding guidelines. Through a proactive approach to professional growth and collaborative troubleshooting, I fostered a culture of continuous improvement within the development team.

Dataico - Administrative System (Jun-2024 / Jul-2024)
Junior Engineer

During my one-month tenure as a Junior Engineer, I contributed to an **administrative software** project built entirely with **Clojure**. My responsibilities included: Assisting in the development and maintenance of **Clojure-based backend services,** leveraging the language's **immutability features** to ensure reliable and maintainable code.
Collaborating with senior engineers to implement features and fix bugs using **Datomic** for database management and **Fulcro** for **front-end development.** Writing and maintaining documentation for code and processes. Participating in code reviews and learning best practices in **functional programming.**
Despite the short duration, this role provided me with valuable insights into **Clojure, Datomic, Fulcro, and the principles of functional programming.**

Avvy / Meterhome - (Mar-2024 / Jun-2024)
Full Stack Developer

At Meter, a **web-based platform** focused on selling batteries for home energy storage across the United States, I spearheaded the development of the site with a clear mission: to promote energy independence. Utilizing technologies such as **Next.js, TypeScript, and Tailwind CSS** for the frontend, and integrating **Odoo** as the **CRM** to manage **lead information**, I created a **robust and user-friendly** website. One of the key features I developed was an **API-driven component** that retrieves tax, city, and state information based on ZIP codes, allowing for autocomplete functionality to streamline the user experience.
Throughout the project, I designed and implemented various components in a **modular and scalable** way, ensuring future expandability. Working on Meter provided me with deep insights into the intersection of **web development** and the renewable energy sector, while also honing my skills in creating efficient, scalable solutions tailored to user needs.

Kontigo - Fintech Application for Whatsapp and Web App (Dec-2023 / Jan-2024)
Full Stack Developer

In the early stage of Kontigo, a **fintech startup**, I was working **in a team of 5-7**, developing a comprehensive web application aimed at revolutionizing group and individual savings in USD. Leveraging technologies like **Supabase** for backend services, **Next.js 13** for the **frontend framework**, **Pago Movil, Velvo and Palomma for payments**, and **TypeScript** for robust development, we crafted a **user friendly** dashboard alongside multiple screens. These features enabled users not only to save money collectively but also to send funds, and manage their financial activities directly through **WhatsApp**. This multifunctional platform effectively functioned as a **banking solution** tailored to the modern user's needs for convenience and accessibility. Working on this project provided me with invaluable insights into the startup ecosystem and the foundations of entrepreneurship, significantly enriching my understanding of the fintech domain and agile development practices in a fast paced environment.

Ugami - Debit Card for Gamers   (Oct-2023 / Feb-2024)
QA Specialist

As a **QA Specialist** at Ugami, I was part of a team of +30 where I led the quality assurance aspect of enhancing a **React Native application.**

My dedication to **maintaining high-quality standards was evidenced** by my **QA Sessions for testing**, which significantly contributed to **maintain** a robust and reliable application. I utilized **best practices** in testing and conducted **detailed sessions for reviewing new releases**, and **collaborated with cross-functional teams to develop and uphold quality guidelines.** By adopting a proactive stance towards professional development and leveraging collaborative problem-solving, I nurtured a culture of continuous improvement and high-quality standards within the QA and broader development team.

Joveon - Ecommerce Dynamic Application (Jul-2023 / Nov-2023)
Full Stack Developer, UI / UX Designer

In my recent project at **Joveon**, I spearheaded the development and all the design of a versatile **ecommerce platform using React Native and TypeScript**, integrated with a robust backend done with **NestJS and PostgreSQL**. The project was architected to support multiple companies by simply altering company specific elements such as logos, names, and color schemes, ensuring a customizable and scalable solution. Leveraging **NativeWind for styling** provided a visually appealing and straightforward user interface. Additionally, the use of **TypeORM** and a carefully selected suite of libraries facilitated efficient data management and **application logic**. Through **meticulous testing and quality assurance**, I guaranteed a stable and **user-friendly application**. This initiative not only demonstrated my **technical proficiency** but also my ability to innovate and tailor solutions to meet varied business needs, fostering a positive impact on their digital commerce strategy.

Sismartech - Excel Sheet Organizer System   (Mar-2023 / Jun-2023)
Full Stack Developer

For a reseller company, I developed a streamlined solution to **organize and consolidate disorganized product data** from various vendors using **Node.js, regular expressions, and the XLSX library**. This application ingeniously **processes xlsx files, restructures, and groups** product information by attributes like CPU, Memory, Brand, Category and more, creating a unified, **structured xlsx file** for each vendor. By employing **Node.js** for its efficient data processing capabilities, **regular expressions for precise data extraction** and organization, and the **XLSX library for handling spreadsheet files**, I crafted a complete system that significantly simplified the company's inventory management. This solution not only **enhanced operational efficiency** but also provided a scalable approach to managing diverse product data, demonstrating a **high level of technical proficiency** and **problem-solving** in developing tailored, impactful software solutions.

Redxam - Crypto Savings Account and Software Agency (Jan-2022 / May-2022)
Full Stack Developer

In my development journey with Redxam with a team of 5 to 7, I was responsible for **Next.js** applications with **TypeScript**, ensuring the creation and maintenance of **efficient web applications**. Another project involved **designing and implementing a MongoDB database** for the management of an extensive Art Collection. Furthermore, I led the development of an Art Collection store, utilizing **Tailwind** for styling, **NodeJS, Express, and Axios** for backend functionality, and conducting thorough **Jest testing** to guarantee a stable and reliable application. In a troubleshooting capacity, I successfully addressed **CSS** issues and bugs for the Redxam website, showcasing a knack for **problem-solving** and enhancing the website's overall user interface and experience.

Guava Wallet - Avalanche Wallet   (Jun-2021 / Jan-2022)
Full Stack Developer

As a **Software Developer** at Guava Wallet, I spearheaded the transformation of the **Web Wallet Application**, collaborating with a team of 5 to 7. Leveraging **ReactJS and Styled Components**, I developed a modern and very user friendly frontend for an improved user experience. My responsibilities included **refactoring code** for enhanced performance and implementing key functionalities such as secure token transfers, wallet creation, and import features. This role allowed me to contribute significantly to the evolution of the Web Wallet Application by seamlessly combining aesthetic enhancements with backend performance improvements.

Freelancer (Jul-2018 / Present)
Full Stack Developer

In my role as a web developer I have been , I adeptly created websites using **HTML and CSS**, laying the foundation for front-end development. Progressing further, I expanded my skill set to include the development and deployment of **Next.js** websites on **Vercel**, optimizing deployment processes for enhanced performance. I actively utilized **Github** to manage repositories, improving version control and deployment efficiency. Throughout various projects, I've applied my expertise in developing web pages using **React and Next.js**, developing applications with **React Native**, and implementing **backend solutions** with technologies like **NestJS for Node and Django**. Additionally I developed advanced applications with **Regex (Regular Expressions)** for handle data in big volumes for selling companies. Also my experience extends to working with diverse databases, including **PostgreSQL, MongoDB, and Firebase,** showcasing a versatile proficiency in leveraging these technologies for a range of successful projects.