

# JOSE RIPOLL

SENIOR FULL STACK DEVELOPER



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Medellín (Colombia)

## Profile

Experienced Full Stack Developer with a passion for creating innovative solutions and optimizing performance. Proficient in a wide range of programming languages and technologies, with a strong foundation in both frontend and backend development. Skilled in collaborating with cross-functional teams to deliver high-quality software products that meet client needs and exceed expectations. Committed to staying updated on industry trends and continuously enhancing technical expertise.

## Skills

**Programming Languages:** PHP, JavaScript, Python, Java, C/C++, SQL, CSS(Bootstrap, Tailwind, Sass)

**Web Development:** jQuery, Node.js, React.js, Angular, VueJS, RESTful APIs. (Mobile UI/UX in mind)

**Cloud Computing:** AWS (Serverless, EC2, DynamoDB, Athena, Route53, Lambda, Cognito, ...), GCP

**Database Management:** MySQL, PostgreSQL, DynamoDB, MongoDB, SQL Server, Marklogic.

**Version Control:** Git, GitHub, GitLab, Bitbucket

**Testing:** Unit Testing, Integration Testing, Test-Driven Development (TDD)

**Other Skills:** Agile Methodologies (Scrum, Kanban), Continuous Integration/Deployment (CI/CD)

## Experience

### LeanTech (Dazos)

Backend Web Developer

Mar 2024 - Oct 2024

**Dazos:** This client had a CRM which want to be extended with Sendportal, enabling improved mailing capabilities like improved campaigns and email tracking. My responsibilities was as is:

Led the migration of the SendPortal platform from Laravel 8 to Laravel 10, ensuring seamless functionality and performance improvements.

Extended SendPortal's features by implementing custom fields to enhance email campaign personalization and management capabilities as Dazos CRM cross compatibility.

Integrated SendPortal with Dazos CRM, enabling synchronized data flow between both platforms for more efficient customer relationship management.

Enhanced the email campaign module by incorporating GrapesJS, allowing users to design visually appealing emails with a drag-and-drop interface.

Further customized GrapesJS by adding advanced features like multiple email signatures, giving users flexibility in branding and communication.

Improved the overall software's ability to manage and track emails and campaigns, providing real-time insights and better deliverability.

## ResolvIT SAS (S.A.S. + Connectwise)

May 2023 - Dec 2023

### Senior Full Stack Developer

**SAS:** During my time at SAS, I played a vital role in a crucial project aimed at enhancing the efficiency and reliability of a credit card fraud detection tool.

Utilizing my expertise in modern development frameworks, I contributed significantly to the migration of the existing Struts based application to the Spring MVC framework. This migration not only revitalized the application's architecture but also notably improved its performance, scalability, and maintainability.

My responsibilities included migrating key components, refactoring legacy code, and collaborating closely with cross-functional teams to ensure a smooth transition.

**ConnectWise:** I specialized in developing React server components for the core web applications. My role involved architecting and implementing server-side components using React to enhance the functionality and user experience of the main web applications. By leveraging React's capabilities, I contributed to the creation of dynamic and responsive interfaces that optimized performance and scalability. Working closely with the development team, I ensured seamless integration of these components into the overall application framework, ultimately enhancing the company's suite of web-based solutions.

## Exit83 (VettX)

Jul 2021 - Nov 2022

### Senior Full Stack Developer

**VettX:** Created a platform tool tailored for dealerships facilitating vehicle purchases from private parties. Employing scraping techniques across platforms such as Craigslist and Facebook, the tool automatically gathers vehicle information, customizing the feed based on individual dealer preferences and locations to ensure optimal vehicle acquisition.

Utilizing multiple proxies and serverless functions, the system circumvents potential blocks from each data source. Additionally, puppeteer actions are employed to manipulate browsers for accessing information otherwise inaccessible without a genuine browser interface. Implemented Lambda functions in NodeJS with API access to selectively save new vehicle listings.

Integrated communication functionalities include SMS and phone capabilities through Twilio, along with email functionality via SES.

Furthermore, the system offers an API feature enabling third-party applications to integrate seamlessly with customer relationship management (CRM) platforms like HubSpot or Zoho. This facilitates comprehensive tracking of communications, deals, and tasks across multiple channels.

## LafargeHolcim ADC

Nov 2020 - Nov 2021

### Senior Full Stack Developer

Employed as an Infrastructure as Code (IaC) AWS Serverless developer, instrumental in migrating core applications to the cloud. Utilized key Amazon architecture to ensure enhanced stability, reliability, and seamless intercommunication across existing platforms.

## ExpoSolar

Jun 2020 - Sep 2020

### Senior Full Stack Developer

Developed a virtual fair from inception aimed at bringing together leading global companies within the Solar Energy Industry. Crafted a flexible and scalable solution featuring immersive 3D environments mirroring physical fair settings. Empowered exhibitors with customizable virtual stands equipped with chat, video chat, embedded pages, and links, facilitating dynamic showcasing of their companies. Successfully supported over 2,000 visitors per minute and attracted more than 85,000 unique visitors, offering conference and business room functionalities.

## Staging & Design Network (SDN)

Jan 2017 - Oct 2019

### Senior Lead Full Stack Developer

Pioneered the creation of the inaugural Sharing Rental Pool Software while supervising and directing the development team's efforts. This comprehensive software suite seamlessly integrated ERP, CRM, Back Office, Inventory Management, Rental and Sales systems, Order Management, Commission tracking, Payment Gateway, and a Mobile App Scanner. Constructed from the ground up utilizing AWS services such as EC2, S3, RDS, EBS, VPC, Elastic IP, Glacier, alongside Laravel, Vue, and MySQL technologies. The implementation of automation within the system led to annual savings of \$479K.

## Yuxi Global

Jun 2014 - Jan 2017

### Senior Full Stack Developer

**SDN:** Provided support and maintenance to a legacy software adapted on NOLOH's framework.

**ASTD:** Developed a Web eLearning Reader, serving as a template transformer tailored for education.

**Slack XQ:** Contributed to the development of a NoSQL Marklogic platform, specializing in eBook publishing and document management solutions interface in angular.

## Indicium Media Group (Arey + SIGOD + GCA)

Apr 2011 - May 2014

### Senior Lead Full Stack Developer

**Arey Electronics:** Transformed Hercules 390 source code by integrating CUDA instructions, accelerating CPU-GPU processing by up to 50 times, facilitating the execution of COBOL and DB2 on zOS environments using Nvidia GPUs.

**SIGOD S.A.:** Spearheaded the development of a sophisticated system for the Department of Motor Vehicles (DMV), incorporating photo and LIDAR data analysis to determine speed violations and red light infractions. Employed ALPR technology for License Plate Recognition, enabling the system to match license plates with RUNT records and retrieve owners' information. Automated fine generation into PDFs and coordinated delivery and returns through the SERVIENTREGA API, streamlining processes for the call center and legal department.

**Grupo Capital Americas:** Collaborated with anthropologists to gather surname-related data, exploring individuals' origins and cultural preferences. Designed and implemented software to analyze names and generate basic profiles, which evolved over time through purchase history, cookies, and other pertinent data. This approach facilitated the creation of precise customer profiles for targeted marketing and service enhancement.

## Skills under development

Currently honing expertise in emerging technologies such as **Smart Contracts**, **Solana** platform, **blockchain**, and **Rust** programming language, I am driven by a fervent curiosity and dedication to staying at the forefront of innovation. With a keen interest in decentralized applications (**dApps**) and blockchain technology, I am actively expanding my knowledge to contribute to cutting-edge projects in this rapidly evolving field. By immersing myself in learning and experimentation, I am committed to mastering these technologies and leveraging them to develop groundbreaking solutions that drive technological advancement and address complex challenges in the digital landscape.

# STAGING & DESIGN NETWORK

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daniel@sdninc.net

November 10, 2019

To Whom It May Concern:

I'm writing to recommend Jose Ripoll. Jose has been a Senior Developer with Staging & Design Network (SDN) since Jan 2017, and I've always been impressed with his ability to problem solve complex systems and algorithms.

As a direct result of Jose's effort, SDN was able to save hundreds of thousands of dollars a year through automation. We also receive Best Tech Start Up in our City two years in a row. Though we are sad to see him go, we know his ability and creativity deserves greater opportunities that we can't give him at this time.

Jose would be an excellent addition to any development team. Furthermore, I believe he's ready for an entry-level management position. He has an excellent ability to help guide and teach fellow developers, and they enjoy working with him.

Please feel free to contact me by email [daniel@sdninc.co](mailto:daniel@sdninc.co) or cell phone (206) 312-9327 if you have any questions.

Sincerely



Daniel J Wear  
Director of Technology  
Staging & Design Network

To Whom it May Concern,

This is to certify that Jose Ripoll Parejo was working at Exit83 Consulting, Inc. USA as a Sr. Software Developer from July 19<sup>th</sup>, 2021, to November 10<sup>th</sup>, 2022.

During his tenure, we found him to be a responsible, motivated and a customer focused developer, who was punctual, efficient, and hardworking and performed all tasks assigned to our satisfaction.

Jose was a great asset to our team. He is an excellent communicator, with the ability to make complex technical information understandable to any audience and is skilled in his programming stack.

We recommend him and wish him the best in his future endeavors.

Yours truly,

A handwritten signature in black ink, appearing to read 'Matthew Kowalczyk', with a stylized, flowing script.

Matthew Kowalczyk CEO  
EXIT83 Consulting, Inc. USA