Daniel Camilo Rubiano Rojas

Software Engineer | Full Stack Developer

Highly skilled and efficient full-stack JavaScript developer with a proven track record of developing and maintaining successful web and mobile applications. Passionate about merging technical expertise with a strong focus on usability and user experience to create engaging digital experiences. Experienced in both front-end and back-end coding, with a great sense of responsibility and dedication to each task. Committed to continued learning and growth, I am excited to bring my unique value proposition to your team.

VASS COMPANY

Backend Developer
Abril 2023 - Current

I participated in the planning, design, and implementation of a microservices architecture for the e-commerce platform using NestJS, maximizing its modular and extensible capabilities. I focused on ensuring adherence to clean architecture principles, prioritizing system scalability, maintainability, and performance. Additionally, I closely collaborated with development and operations teams to ensure the smooth integration of services, optimizing performance and reducing deployment times through the implementation of DevOps practices.

- Collaborated with cross-functional teams to ensure seamless integration between microservices, enhancing interoperability and system performance.
- Optimized communication between microservices by implementing event-driven architectures using Kafka messaging brokers, ensuring scalability and fault tolerance.
- Monitored and maintained the performance of microservices using tools like Elastic Search and OpenShift, ensuring high availability and rapid problem detection.
- Participated in code reviews and provided mentorship to developers, fostering a culture of continuous learning and improvement in code quality.

Walmart Chile

Fullstack Developer Senior
March 2022 - May 2023

I served as a developer, providing support and optimization for web and mobile applications using React and React Native. I implemented an event-driven architecture using Apache Kafka to manage orders and generate automatic events upon completion. I led production deployment processes, ensuring that applications met stakeholder requirements, improved operational efficiency, and added value with new functionalities. Additionally, I implemented the Backend For Frontend (BFF) pattern with GraphQL, allowing specific clients to access services in a personalized manner, tailored to their particular needs

- Developed and maintained web and mobile applications using React and React Native, ensuring a smooth and responsive user experience.
- Implemented an event-driven architecture with Apache Kafka, efficiently managing orders and generating automatic events upon completion.
- Led production deployment processes, coordinating with development and operations teams to ensure successful and uninterrupted implementations.
- Implemented the Backend For Frontend (BFF) pattern using GraphQL, optimizing access to services for specific clients with customized needs.
- Conducted testing and continuous monitoring of applications to identify and resolve performance issues, ensuring system stability and scalability.
- Collaborated with cross-functional teams to prioritize and develop new functionalities, aligning applications with business objectives and stakeholder expectations.

Contact

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Portfolio: https://my-portfolio-psi-smoky.vercel.app/

Skills

JavaScript

Node.js

React.js

React Native

Angular

IONIC

Java

Spring Boot

AWS

PostgreSQL

Kafka

Terraform

CI/CD (CircleCI, Jenkins)

Education

2021 - Bogotá, Colombia

Specialist in Software Engineer - University Antonio Nariño

2017 - Bogotá, Colombia

Bacheloor Degree in Sound Engineer - University San Buenaventura

AV Villas

Backend Developer
June 2021 - July 2022

I led the development and support of a web application for credit card requests, leveraging Amazon Web Services (Lambdas, Step Functions, APIs, DynamoDB, etc.). I used technologies such as Java, JavaScript, and Python to develop components that facilitated the integration of backend services with the frontend. I implemented Infrastructure as Code (IaC) practices using Terraform, which enabled the efficient creation of repositories in GitHub and automated provisioning of services in AWS. Additionally, I employed CloudFormation with Serverless to replicate these services in legacy infrastructures. I was also responsible for maintaining and managing CI/CD tools, utilizing CircleCI for legacy infrastructure and Jenkins for the new one, ensuring continuous deployment and improving development efficiency.

- Developed and optimized backend services using AWS (Lambdas, Step Functions, APIs, DynamoDB), integrating technologies such as Java, JavaScript, and Python to ensure efficient communication with the frontend.
- Implemented Infrastructure as Code (IaC) using Terraform to automate the creation and management of resources in AWS, facilitating the creation of repositories and services such as Lambdas, APIs, and WebSockets
- Configured and managed CI/CD pipelines in CircleCI for legacy infrastructure and in Jenkins for the new one, ensuring a continuous flow of integration and deployment without interruptions.
- Desplegué y gestioné servicios en AWS utilizando CloudFormation junto con Serverless para replicar servicios en infraestructuras legadas, asegurando compatibilidad y eficiencia en entornos preexistentes.
- Deployed and managed services in AWS using CloudFormation alongside Serverless to replicate services in legacy infrastructures, ensuring compatibility and efficiency in pre-existing environments.
- Coordinated the ongoing support and maintenance of the application, monitoring performance and ensuring the availability and scalability of the implemented services.

Manager Digital

Backend Developer
Febrary 2021 - June 2021

I led the development and implementation of the backend for an E-COMMERCE platform focused on district marketplace areas, utilizing NodeJS and PostgreSQL. I designed and implemented key modules such as web login, merchant creation, tenant management, payment processing, customer support, and detailed statistics generation. Additionally, I managed accounts on Azure and Google Cloud Platform, leveraging Cloud Functions to enhance operational efficiency. A significant challenge was adapting the platform for users with limited technological experience, achieving an accessible interface that promoted the economic growth of merchants.

- Designed and implemented the backend in NodeJS, developing business logic and essential modules for the E-COMMERCE platform.
- Led the creation of the database using PostgreSQL, structuring tables and relationships to manage merchants, tenants, payments, and statistics.
- Developed and integrated an administrative dashboard, enabling efficient management and monitoring of operations within the platform.
- Managed accounts on cloud platforms such as Azure and Google Cloud Platform, using Cloud Functions to optimize critical tasks and improve system scalability.
- Implemented secure and efficient payment processes, ensuring that transactions were conducted smoothly and in compliance with regulations.
- Adapted the platform for users with limited technological experience, simplifying the interface and workflows to improve accessibility and ease of use.
- Supervised the ongoing maintenance and updates of the backend, ensuring its performance and alignment with business requirements.

Cursos

2023 - DevOps with AWS, Smart Data

2019 - Master in Node.js, Udemy

2019 - Master in JavaScript, Udemy

2019 - MTA Software Development Fundamentals, Aula Matriz