

Robert Michael Rosero Salazar

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Cali - Colombia

Software Engineer with 10+ years of experience delivering high-impact technological solutions for global leaders such as GoDaddy and top-tier financial institutions. Expert in the JavaScript/TypeScript ecosystem, with deep mastery of Node.js, React, and Angular. Proven track record designing and implementing scalable cloud-native architectures on AWS, while integrating cutting-edge AI capabilities to accelerate product innovation and performance. A results-driven technical leader with a strong focus on cross-functional team leadership, code quality, engineering best practices, and delivering robust software solutions that align technical excellence with measurable business growth.

KEY COMPETENCIES

NodeJS
React
Typescript

Amazon Web Services
NestJs
Angular

Scrum
Claude Code / Cursor
Docker, CI/CD

PROFESSIONAL EXPERIENCE

Encora - GoDaddy

Senior Software Engineer

Aug 2023 - Currently

Driving the evolution of GoDaddy's product ecosystem by integrating AI and optimizing microservices/microfrontends architecture to deliver intelligent, self-service solutions at scale.

Full-Stack Architecture

- Micro-Frontend & Services: Engineered modular, scalable interfaces using React, Redux, and Node.js, ensuring a seamless and high-performance customer experience.
- AWS Cloud Infrastructure: Architected and managed serverless solutions utilizing AWS Lambda, API Gateway, S3, and CloudFront to support high-traffic global services.
- Advanced CI/CD Pipelines: Streamlined delivery cycles by implementing Trunk-Based Development and automating deployment workflows with Jenkins and Python, reducing time-to-market for new features.
- Agile Collaboration: Actively contributed to Scrum ceremonies, translating complex business requirements into robust technical specifications within cross-functional teams.

AI Engineering & Innovation

- GoDaddy Airo Implementation: Played a key role in developing and deploying "Airo," GoDaddy's AI agent, leveraging RAG (Retrieval-Augmented Generation) to provide context-aware, high-precision user responses.
- Skillset & Tool Development: Designed and implemented Tool Functions (Action Schemas) that empower the AI agent to execute real-time tasks by bridging LLMs with internal proprietary services.
- AI-Assisted Development: Optimized engineering workflows by integrating Claude Code, significantly increasing developer velocity through AI-driven refactoring, debugging, and rapid prototyping.

ADL Digital Lab

Senior Software Developer - Metrocuadrado

Jun 2022 - Aug- 2023

I worked on the continuous improvement of a real estate software with different banks in Colombia. My responsibilities include both frontend and backend. Some of my functions are

- Developing microfrontends with Angular, following best practices in layout and usability.
- Implementing the infrastructure using Terraform and AWS.
- Configuring and using AWS services such as Lambda, API Gateway, S3, CloudFront, and others.
- Migrate from monolithic architecture to serverless and microfrontends.
- Apply development best practices such as unit testing with TDD, design patterns, and architectures,
- Ensure code quality through code reviews in Git and adherence to Git flow standards.
- Participate in the user story creation process during various Scrum ceremonies

Tech Specialist II - Group SII

Jul 2021 - Jun 2022

I worked as a technical leader in the development process of a software for a credit guarantee program for Banco Popular. Some of my responsibilities were

- Configuration and use of AWS services such as Lambda, EC2, API Gateway, S3, CloudFront, among others.

- Migrating services with monolithic architecture to serverless architecture using lambdas, steps, rds, etc.
- Support front-end development using React, Redux etc.
- Support continuous improvement by proposing architecture and solutions for different user stories.
- Apply development best practices such as unit testing with TDD, design patterns and architectures.
- Ensure code quality by reviewing code in Git and following Git flow standards.
- Participate in the user story creation process during the various Scrum ceremonies

Full Stack Developer- Banco de Occidente

Feb 2021 - Jul 2021

I worked helping to develop a digital signature software for Banco de Occidente. I supported backend and frontend development, some of my responsibilities were

- Backend development through serverless architectures using AWS.
- Frontend development using best layout practices with Redux.
- Configuration and use of AWS services such as Step Functions, Lambda, API Gateway, S3, CloudFront, among others.
- Ensure code quality by reviewing code in Git and following Git flow standards.
- Participate in the user story creation process during the various Scrum ceremonies

Banco Unión

Oct 2020 - Feb 2021

Master Full Stack Developer

I worked in this company and lead the software development process for a software that manages the different banking processes of its users. Some of the activities I carried out were

- Supporting the design and implementation of architectures to solve the different challenges of the company.
- Developing the different backend services with microservices oriented architecture.
- Developed the different views for the user in an application based on React.
- Ensure that the vision of the architecture is reflected in the code through the implementation of patterns.
- Participate in the process of creating user stories during the different Scrum ceremonies (planning, refinement, etc.).
- Provide technical support to the development team by resolving technical issues and removing technical barriers.
- Apply development best practices such as unit testing with TDD, design patterns and architectures.

ICESI University

Jul 2019 - Oct 2020

Developer Analyst

I worked at Icesi University, developing different software for the continuous improvement of the University. I developed the frontend and backend of some applications. Some of my functions were

- Microservices development. Some built in Java with Spring and others in Node with NestJs.
- Development of different views using React
- Supporting in the design of architectures for continuous improvement of applications.
- Collaboration in the process of creating user stories during the different Scrum ceremonies (planning, refinement, etc.).

Carvajal S.A.

Sep 2017 - Jun 2019

Software Engineer

I worked as a full stack developer at Carvajal. I developed software to automate processes within the company. Some of the activities I did were

- Multiple software development for legal management of the company, parking software, process management software.
- Process improvement through development using BPMN.
- Using bus integration for data handling and transport.
- Helping to create requirements for the software team.
- Continuous improvement of different company software.
- Creating APIs and SOAP services using Node and Java.
- Creating views for different software systems.

Barbara & Frick (Accenture)

Feb 2016 - Sep 2017

Software Developer

I worked building websites for different companies. We built websites for Pastas la Muñeca, Conzazoni, Harina de trigos as de oros etc. Using React, SCSS, Typescript, AWS, PHP, Node. My responsibilities were:

- Development of websites for companies like Harinera del Valle and Comfandi.
- Building important websites such as: <https://mama-ia.com>, <https://hazdeoros.com>, <https://conzazoni.com/>
- Use of best practices for the construction of pages, such as: mobile first, clean css, preprocessors.
- Continuous improvement of pages of large companies such as Postobon, Pastas la muñeca, Canola life.
- Team work using agile methodologies such as Scrum and Kanban to manage software projects.
- Development of automated tests to ensure code quality and avoid bugs in production.
- Collaboration with design and marketing teams to integrate design and user experience into applications.

EDUCATION

Antonio José Camacho University

Systems Engineering Graduate (Honours)

LICENSES AND CERTIFICATIONS

B1 English Certification - Learn English
B1+ English Certification - Learn English
B2 English Certification - Learn English
AWS Cloud Technical Essentials
AWS Partner: Cloud Economics - AWS
AWS Partner: Accreditation (Technical) - AWS
Angular - Platzi
Scrum Professional Certificate - Certiprof
Javascript Fullstack Developer - San Buenaventura University
Web Developer - Alicante University
