



# ANTONIO BAENA

Full Stack JavaScript Developer - AWS Architect

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Bogotá, Colombia

baenacc

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## STRENGTHS

Leadership

Accountability

Teamwork

Results-oriented

Critical Thinking

Fast Learner

## LANGUAGES

Spanish: **Native**

English: **Intermediate/B2**

## REFERENCES

Elizabeth Arciniegas

elizabetharciniegasm

Manuel Nuñez

mjnunezt

Astrid Machado

astridmachado

## ABOUT ME

*Innovative and results-driven software architect with over five years of experience in cloud computing, system scalability, and modern web development. Specializing in React, Node.js, TypeScript, and AWS, I design secure and high-performance digital solutions for banking, legal, and government sectors. Experienced in API integrations, DevOps, and cloud migration, I lead architecture roadmaps and mentor teams in best practices. Passionate about optimizing workflows and leveraging emerging technologies to drive business success.*

## EXPERIENCE

Rama Judicial **Solution Architect**

July 2020 – May 2021

Bogotá, Colombia

- Designed and implemented scalable APIs and serverless architectures, deploying services with Kubernetes, ensuring high availability and efficient resource management.
- Led the development of a high-performance document management system, leveraging Solr for full-text search and GitLab CI/CD pipelines for automated delivery and version control.
- Engineered infrastructure automation using AWS CloudFormation, streamlining deployment and enhancing system scalability and reliability.
- Developed and integrated secure search and retrieval services, enabling real-time access to judicial decisions while maintaining data integrity, compliance, and system resilience.

Accenture **Technology Strategy Consultant**

October 2021 – July 2023

Remote

**Important bank in Colombia:**


- Designed and implemented scalable APIs and serverless architectures using AWS Lambda, ensuring seamless processing of transactions such as service payments, on-line payments, scheduled payments, and tax payments.
- Led the technical team in deploying large-scale transaction systems on AWS, overseeing architecture design, infrastructure automation with AWS CloudFormation, and high-availability deployment strategies.
- Developed and optimized DynamoDB-based transaction processing solutions, enhancing performance, scalability, and reliability across digital banking platforms.


**Important Fintech app in México:**

- Led the technical team in a React Native fintech project, enabling real-time user behavior tracking with minimal performance impact on an application used by millions.
- Designed and implemented an advanced analytics pipeline using Google Analytics 4 (GA4) and Google BigQuery, delivering actionable insights for product optimization and enhanced user experience.

- Ensured seamless integration of analytics tools, maintaining high performance while capturing granular user interactions for data-driven decision-making.

### Inter-American Development Bank | [IT Consultant](#)

 January 2020 – May 2021

 Bogotá, Colombia


- Analyzed open-source software tools with the goal of implementing them in Colombia's High Courts, contributing to the digital transformation of the Judicial Branch.
  - Led the definition and development of the "Electronic Index Project" which integrated with the courts' document management systems by identifying functional and technical requirements, evaluating the existing architecture, and establishing an implementation roadmap.
  - Successfully delivered the software to the High Courts, which is now in use as an integral part of their document management, enhancing efficiency and accessibility within the judicial system.
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## EDUCATION

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### Mechatronics Engineer | [Universidad Nacional de Colombia](#)

 2017

 Bogotá, Colombia

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