

ISAAC FIMBRES

Software Engineer

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Summary

Dynamic Full-Stack Software Engineer with 5+ years of expertise in JavaScript (ES6+), TypeScript, React.js, Next.js, React Native, Node.js, Java and REST/GraphQL API development. Proven track record architecting and deploying cloud-native microservices and serverless functions using AWS Lambda, EC2, S3, Docker and CI/CD pipelines. Skilled in Spring Boot optimizations, performance tuning, automated testing (Jest, Cypress) and agile delivery to accelerate time-to-market and ensure robust, maintainable codebases.

Skills

React, React Native, Next.js, AWS, Node.js, JavaScript (ES6+), TypeScript, Python, Java, Astro.js, Vite.js, Expo, Express, Next.js, Spring Boot, PostgreSQL, MySQL, MongoDB, DynamoDB, Lambda, EC2, RDS, CDK, S3, SQS, SNS, Docker, GraphQL, CI/CD, (GitHub Actions and Jenkins) Testing & QA (Jest, Cypress, Selenium and React Testing Library along with testing methodologies like TDD, BDD and ATDD)

Professional Experience

IBM (Remote – Guadalajara, MX) – 2023 - Present

IBM is one of the world's largest IT companies, with operations in over 170 countries. Leader in Cloud computing.

- Enhanced the backend performance of a Spring Boot application by refactoring GraphQL resolvers and optimizing service-layer logic, leading to faster response times and increased developer efficiency.
- Migrated Home Depot's Content from ETCH to Contentful implementing a loosely coupled architecture, cutting deployment times by 30%.
- Developed and maintained scalable UI components in React/TypeScript; Implementing automatic testing using both E2E tests.

Espectrotek (Remote – Mexico City, MX) – 2022 - 2023

A Mexican company that provides software design and development services through highly trained professionals.

- Built cross-platform mobile applications using React Native (Expo) integrated with AWS Cognito and AppSync, boosting user engagement by 20%.
- Designed and deployed serverless backend logic via AWS Lambda, improving backend performance and security.
- Enhanced core frontend React components for performance and accessibility, reducing load times and improving UI consistency.

CICESE (Hybrid - Ensenada, MX) - 2021 – 2022

A public research center specialized in Earth Sciences, Oceanography, Life, Computer Sciences and Applied Physics.

- Built a research-grade mobile application in React Native (Expo) for IoT interactions, supporting real-time visualization of gyroscope and sensor.
- Designed and implemented Node.js microservices for efficient aggregation of sensors data. Along with IBM Cloud services for data processing.

dility (Remote – Ensenada, MX) – 2021 – 2021

A digital workshop solution with integrated tools aimed at saving the time and automating the workflow of digital creative workshops.

- Engineered serverless architecture using AWS Cognito, DynamoDB, Amplify Hosting, S3 and AppSync (GraphQL), improving time-to-market.
- Refactored critical React and Next.js components to improve rendering performance and accessibility compliance.

Paycon (Remote – Ensenada, MX) – 2020 – 2021

E-commerce startup that seeks to create a strong bridge between value-conscious consumers and innovative retailers.

- Delivered a mobile-first e-commerce app using React Native and expo with offline capabilities using sqllite local database.
- Developed a microservices architecture using many AWS services such as API Gateway, Lambda, Cognito, DynamoDB, Step Functions, among others; Handling user profiles, coupon flows, and transactions.

Education

- Universidad Autónoma de Baja California**
B.Sc. in Computer Engineering | 2018 – 2022

Certifications

- AWS Certified Developer – Associate (2025)
- Google Cloud Platform Cloud Digital Leader – Associate (2023)
- IBM Full Stack Software Developer Certificate (2023)
- IBM ReactJS & React Native Bootcamp (2025)
- Apollo GraphQL Developer Associate Certificate (2022)

Languages

- Spanish: Native Level
- English: Technical Conversational Level