

Hiring software engineer as easy as calling a taxi.

# Sergio Jara

## Senior Full Stack Engineer

### SUMMARY

Software engineer with 9+ years of experience, excelling in full stack development with expertise in JavaScript, Swift, and iOS development. Proven track record of leading successful projects, including winning multiple hackathons and developing robust blockchain-based solutions. Demonstrates strong technical leadership, having managed diverse engineering teams and fostering agile best practices. Well-versed in various technologies like Node.js, React.js, Firebase services, Ethers.js, Web3.js, and AWS, with a solid foundation in computer science from Universidad Nacional del Nordeste. The engineer's proficiency in building scalable systems for music streaming, live video monitoring, and blockchain integration positions them as a valuable asset to any team seeking deep technical expertise and innovative solutions.

### SKILLS

<b>Main Technical Skills</b>	JavaScript (5 yr.), Swift (5 yr.), FDD (5 yr.), Node.js, React
<b>Programming Languages</b>	JavaScript (5 yr.), Objective-C, Swift (5 yr.)
<b>.NET Platform</b>	ASP.NET MVC Pattern, .NET
<b>JavaScript Frameworks</b>	Backbone.js, Meteor, Node.js, React
<b>JavaScript Libraries and Tools</b>	Ethers.js, p5.js, Web3.js
<b>Databases &amp; Management Systems / ORM</b>	Firestore, MongoDB
<b>Cloud Platforms, Services &amp; Computing</b>	GCP
<b>Methodologies, Paradigms and Patterns</b>	Agile, FDD (5 yr.)
<b>Third Party Tools / IDEs / SDK / Services</b>	Algolia
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD

<b>Virtualization, Containers and Orchestration</b>	Docker
<b>BlockChain and Decentralized Software</b>	Ethers.js, Hardhat
<b>Platforms</b>	Fastlane
<b>Version Control</b>	Github Actions
<b>Operating Systems</b>	Ubuntu
<b>Mail / Network Protocols / Data transfer</b>	WebRTC

## WORK EXPERIENCE

### Lead Developer, Music League App

**Duration:** February 2024 - Present (1 year 3 months)

**Summary:** Developed and maintained native iOS application for Headlights – Music League, focused on music video tournaments.

**Responsibilities:** Led mobile development lifecycle, designed and maintained backend services, implemented AWS services for video processing, and developed a custom Web CMS built with React.js. Managed and mentored engineering team.

**Technologies:** JavaScript, Node.js, Cloud Functions, Firestore, Algolia, React.js, Swift, Firebase services, AWS

### Technical Lead, Blockchain Solutions Development

**Duration:** September 2022 - February 2024 (1 year 6 months)

**Summary:** Led the design and development of blockchain-based solutions on Rootstock (RSK) network focusing on smart contracts secured by Bitcoin's blockchain.

**Responsibilities:** Worked with product and architecture teams, managed and mentored a team of engineers, and developed smart contracts and dApps.

**Technologies:** Solidity, Hardhat, Ethers.js, Web3.js, JavaScript, React, Bitcoin, Ethereum, Rootstock (RSK)

### iOS App Developer, iOS Applications Development

**Duration:** August 2018 - June 2019 (11 months)

**Summary:** Contributed to América TV and Clarín newspaper mobile applications and developed a music creation iOS application using smart rings to create music.

**Responsibilities:** Contributed to maintenance and enhancement of live-streaming and news applications, and architecting music creation application.

**Technologies:** Swift, Objective-C, Fastlane, GitHub, Node.js

### Javascript .Net Full Stack Developer, Commerce and Banking System Improvements

**Duration:** December 2017 - August 2018 (9 months)

**Summary:** Played a key role in developing a bank audit management app and implementing



new features in commerce management and commercial electronic trading systems.

**Responsibilities:** Responsible for design, implementation, and deployment of a bank audit management app, and new feature development in commerce systems.

**Technologies:** Meteor, React, MongoDB, .NET

### **Javascript Full Stack Developer, Camera Monitoring System Implementation**

**Duration:** April 2016 - December 2017 (1 year 9 months)

**Summary:** Developed a web-based camera monitoring system utilizing IoT technologies and implemented a serverless web backend hosted on AWS Lambda.

**Responsibilities:** Designed and implemented monitoring system, managed docker based infrastructure, and used progressive web app technology.

**Technologies:** IoT, NodeJS, AWS Lambda, Docker, Serverless

### **.Net Developer, .Net Development Projects**

**Duration:** February 2015 - April 2016 (1 year 3 months)

**Summary:** Worked on software development projects including call center software and a points redeem program application, and iPad web technologies.

**Responsibilities:** Focused on .NET based software development for call center operations and customer loyalty programs.

**Technologies:** .NET, asp.net, BackboneJS

### **Developer, IoT Communication Protocol and Services**

**Duration:** August 2014 - February 2015 (7 months)

**Summary:** Built and designed communications protocol and services focusing on IoT for home automation and data storage.

**Responsibilities:** Developed IoT communication protocol and related services, utilized .NET technologies.

**Technologies:** .NET

## **EDUCATION**

- **Universidad Nacional del Nordeste**

Bachelor's degree in Information systems

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- **Informatario Chaco**

Software development

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- **Universidad Nacional del Nordeste**

Programador Universitario de aplicaciones, desarrollo de software

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## **CERTIFICATION**

- **First Place - Hackathon Express**

2014 Corrientes, 2015 Resistencia, 2016 Corrientes



- **First Place - Tecnotour II**  
Chaco

