Sergio Jara
Senior 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.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (5 yr.), Swift (5 yr.), FDD (5 yr.), Node.js, React
Programming Languages	JavaScript (5 yr.), Objective-C, Swift (5 yr.)
.NET Platform	ASP.NET MVC, .NET
JavaScript Frameworks	Backbone.js, Meteor, Node.js, React
JavaScript Libraries and Tools	Ethers.js, p5.js, Web3.js
Databases & Management Systems / ORM	FireStore, MongoDB
Cloud Platforms, Services & Computing	GCP
Methodologies, Paradigms and Patterns	Agile, FDD (5 yr.)
Third Party Tools / IDEs / SDK / Services	Algolia
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker
Blockchain and Decentralized Software	Ethers.js, Hardhat
Platforms	Fastlane

Version Control	Github Actions
Operating Systems	Ubuntu
Mail / Network Protocols / Data transfer	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
  8
- **Informatorio Chaco**
  Software development
  1
- **Universidad Nacional del Nordeste**
  Programador Universitario de aplicaciones, desarrollo de software
  3

CERTIFICATION

- **First Place - Hackathon Express**
  2014 Corrientes, 2015 Resistencia, 2016 Corrientes
- **First Place - Tecnotour II**
  Chaco