Mikael Pizzi

FULL STACK SOFTWARE ENGINEER

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Summary

Technical professional with 3+ years of remote experience building distributed architectures and microservices. Strong background in Calculus and Physics applied to complex logic resolution. Specialized in the **React/NestJS** ecosystem and **AWS** cloud infrastructure, with a track record of optimizing performance by 40% in high-traffic applications.

Technical Skills

- **Languages:** TypeScript, JavaScript (ES6+), Python, SQL.

- **Backend:** Node.js, NestJS, Express.js, Prisma ORM, Microservices Architecture, API Gateway.

- **Frontend:** React, Next.js, Redux Toolkit, Tailwind CSS, SASS/CSS3, HTML5, CSS3.

- **Databases:** PostgreSQL, MongoDB, Redis, MySQL.

- **Cloud & DevOps:** AWS (EC2, S3, RDS), Docker, CI/CD Pipelines, Git.

Experience

Mercader (Chile-based Startup) | Software Engineer | Remote | 2022 - 2025

- Developed and maintained microservices using Node.js and NestJS within a Dockerized environment, contributing to a 40% reduction in new feature implementation time.
- Collaborated on the migration of legacy data to a distributed architecture (PostgreSQL and MongoDB), helping improve complex query speeds by 25%.
- Integrated RESTful endpoints with an API Gateway to centralize authentication and logging across services.
- Refactored React UI components and implemented Redux Toolkit for state management, resolving over 50 reported bugs and improving code readability.
- Built end-to-end features such as the "User Profile" module, handling both the API logic and frontend integration ahead of schedule.

Independent Developer & Consultant | Freelance, Remote | 2021 - 2025

- Architected and deployed custom e-commerce solutions, leading the end-to-end development of interactive UIs with React/TypeScript and secure payment infrastructures using Node.js, Express, and Stripe.
- Optimized a high-traffic application by restructuring PostgreSQL queries and implementing a Redis caching strategy, achieving a 40% reduction in main page load times.

Education

B.S. in Systems Engineering (Final Year)
Universidad de Los Andes, Venezuela | Expected Graduation: 2026

- Balanced full-time academic workload while working remotely as a Software Engineer.