Miguelangel Abou

Senior Software Engineer | Distributed Architectures & Microservices

Node.js, .NET & React | Real-Time Expert, Redis & Cloud Infrastructure

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PROFESSIONAL SUMMARY

Senior Software Engineer with over 6 years of experience leading the development of high-impact digital ecosystems, from SaaS platforms and E-commerce to critical desktop applications. Specialist in transforming complex requirements into scalable architectures, focusing on performance, security, and technical excellence.

CORE EXPERTISE

Backend Architecture & Distributed Systems
Architecture & Distributed Systems: Design of microservices and high-availability systems. Expert in WebSockets (Socket.io), event orchestration, and protocol optimization. Implementation of advanced security (JWT/OAuth) and SOLID principles. Specialized in building scalable REST APIs and GraphQL schemas using NestJS, Django, and high-speed caching/message brokering with Redis.

Frontend Engineering & UI Architecture
High-performance interfaces using Next.js, React, Vue.js, Angular, and Svelte. Efficient design systems with Tailwind CSS, ShadCN, and Bootstrap, prioritizing UX and Core Web Vitals to ensure seamless user experiences across all frameworks.

Infrastructure, Cloud & DevOps
SDLC management on AWS, Azure, GCP, Vercel, and Firebase. Infrastructure orchestration and scaling with Kubernetes, server configuration with Nginx, Docker containerization, and desktop distribution automation using NSIS.

Data Strategy
Modeling and optimization of SQL/NoSQL databases (PostgreSQL, MongoDB, MySQL). Ensuring integrity and speed in high-concurrency environments through advanced indexing and query optimization.

TECHNICAL STACK

Languages:	TypeScript (Expert), JavaScript, Python, C#, C++, PHP
Ecosystem:	Node.js, Express, Electron.js, .NET, Laravel, Django
Tools & Culture:	Git/GitHub Flow, CI/CD, Agile (Scrum), Figma, Postman

PROFESSIONAL EXPERIENCE

Full Stack Developer
Skynoff Technology and Development | Chile (Remote/Hybrid)

January 2020 - Present (6 years, 2 months)

- Developed and maintained web applications using React.js, Next.js, and Node.js.
- Implemented RESTful APIs to improve communication between frontend and backend systems.
- Collaborated with a team of designers and developers to create innovative solutions.

EDUCATION

Systems Engineering
Instituto Universitario Politécnico Santiago Mariño (Oct 2016 - Feb 2021)

CERTIFICATIONS

- Database Design with SQL and MySQL
- BackEnd Development with Node.js and Express

- Advanced FrontEnd with React and TypeScript
- Version Control with Git and GitHub

Languages: English (Professional Working), Spanish (Native/Bilingual)