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# ALEXIS ALEXANDER CORREA

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WWW: LinkedIn / WWW: Github / WWW: Portfolio

## PROFESSIONAL SUMMARY

Experienced Full-Stack Developer with over 5 years of expertise in building scalable, high-performance web applications using modern frameworks like React, Next.js, Node.js, and FastAPI. Skilled in designing and deploying cloud-native solutions on AWS, GCP, and Azure, with strong DevOps capabilities using Docker, Kubernetes, and CI/CD pipelines. Proven ability to lead development teams, optimize system performance, and deliver user-centric, accessible applications. Bilingual in English and Spanish, with a passion for innovation, clean code, and mentoring within the tech community.4o

## SKILLS

- Node.js / Nest.js
- React.js / Next.js
- Docker / Kubernetes
- GraphQL / REST APIs
- Emotional intelligence
- PostgreSQL / MongoDB
- Effective communication
- Creative problem-solving
- Python (Django, FastAPI)
- Cross-cultural adaptability
- AWS (EC2, S3, RDS, Lambda)
- TypeScript / JavaScript (ES6+)
- CI/CD (GitHub Actions, Jenkins)
- Leadership and team management

## PROFESSIONAL EXPERIENCE

### Lead Full-Stack Developer / Laikad

01/2021 - Current

- Spearheaded the design and launch of a scalable, high-traffic marketing platform using React, Next.js, and Node.js, which improved page load times by 45% and enhanced user engagement across global markets.
- Architected a robust backend infrastructure with Nest.js and PostgreSQL, integrating GraphQL APIs to streamline data delivery, supporting over 1M API requests daily with high reliability and maintainability.
- Led a cross-functional team of 8 developers, fostering agile best practices and continuous improvement; introduced CI/CD pipelines with Docker and GitHub Actions, enabling zero-downtime deployments and cutting release cycles by 35%.
- Optimized AWS infrastructure and implemented cost-saving strategies, reducing operational cloud expenses by 20% while ensuring WCAG 2.1 compliance through responsive UI development in Tailwind CSS and TypeScript.

### Full-Stack Developer / Freelance

01/2020 - 01/2021

- Engineered a scalable e-commerce platform supporting 10,000+ users, integrating Vue.js, FastAPI, and MongoDB, which enhanced performance and reduced load times by 35%.
- Developed and maintained RESTful APIs using Spring Boot and MySQL, resulting in a 30% boost in data processing efficiency and seamless front-end/back-end communication.
- Implemented automated CI/CD pipelines with Azure DevOps, enabling over 90% test coverage and reducing deployment time by 50%, ensuring faster, error-free releases.
- Enhanced user experience by designing responsive, mobile-first interfaces with Svelte, Bootstrap, and OAuth-based authentication, leading to a 25% increase in user satisfaction scores.

- Designed and developed high-performance RESTful APIs using Ruby on Rails and Go, powering over 5,000 daily financial transactions and supporting seamless integration with multiple client platforms.
  - Led performance tuning initiatives across MongoDB and Redis databases, implementing advanced indexing and caching strategies that reduced query latency by 40%, enhancing response times for high-traffic endpoints.
  - Implemented robust automated testing pipelines using RSpec and GoTest, increasing test coverage to 85%, significantly reducing regression issues and accelerating deployment cycles.
  - Managed scalable deployments on AWS, utilizing RDS and Elastic Beanstalk to ensure high availability and system resilience, consistently achieving 99.9% uptime for production environments.
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## EDUCATION

**Bachelor's:** Software Engineering

01/2023

UTN - Buenos Aires, Argentina

**Technical Diploma:** Systems Analysis

01/2019

I.S.F.T 177 - Buenos Aires, Argentina

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## CERTIFICATIONS

- AWS Certified Developer - Associate, 01/01/23
  - Certified Kubernetes Application Developer (CKAD), 01/01/22
  - Google Cloud Professional DevOps Engineer, 01/01/21
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## HOBBIES AND INTERESTS

- Open-source contributions
  - AI-powered web applications
  - Tech mentoring
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## PROJECTS

Marketing Analytics Dashboard, Full-stack dashboard using React, FastAPI, and PostgreSQL; SSR with Next.js; deployed on AWS with Kubernetes. Task Management App, Collaborative app with Svelte, Node.js, and MongoDB; real-time WebSocket updates; OAuth 2.0; CI/CD with GitHub Actions.