

Jose Carlos Barriga Arnez

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Full Stack Developer with 5+ years of experience building scalable SaaS, e-commerce, fintech and enterprise platforms. Specialized in designing and optimizing high-performance back-end and front-end architectures using Node.js, NestJS, React, Next.js, Python and cloud infrastructure (AWS/GCP). Strong focus on system performance, microservices, clean architecture and business-impact engineering. Adept at collaborating with cross-functional teams and delivering efficient, measurable technical solutions.

WORK EXPERIENCE

CleverIt Full Stack Developer	Santiago, Chile October 2022 – Present
CleverIT delivers SaaS and PaaS solutions that enhance development productivity across global teams.	
Key Achievements:	
<ul style="list-style-type: none">Implemented government-regulated standards for pension, insurance, mutual fund and stock platforms, ensuring compliance across critical systems.Optimized a high-traffic endpoint, reducing processing time from 8 seconds to under 1 second, significantly improving user experience and operational SLAs.Migrated legacy repositories to Angular Module Federation (microfrontends), enabling business-area decoupling and faster independent deployments.Developed a full Stripe checkout flow in Next.js, reducing abandoned carts by 20%.Designed and deployed a RabbitMQ-based queue system, reducing GCP Cloud Run execution time by 40% for large notification pipelines.	
Technologies: Node.js, NestJS, React, Next.js, Angular, Ionic, Python, Django, microservices, GCP (Cloud Run, Kubernetes, Firestore, Pub/Sub, BigQuery, Secret Manager), PostgreSQL, MongoDB, RabbitMQ, Redis, Docker, GitHub Actions, Jest, Swagger.	
Tekpro Ecommerce Full Stack Developer	Santiago, Chile August 2021 – September 2022
Provider of integrated e-commerce solutions with platforms such as Vtex, Shopify, Magento and multiple marketplaces.	
Key Achievements:	
<ul style="list-style-type: none">Built integrations between internal client systems and major e-commerce platforms (Vtex, Shopify, Mercado Libre, Amazon), enabling real-time synchronization of inventory, pricing, products and invoices.Led development of an MVP using AWS Amplify as a microservices backend with Event-Driven Architecture, accelerating delivery time and reducing infrastructure complexity.	
Technologies: Node.js, AWS (Amplify, Lambda, AppSync, S3, SQS, Route 53, CloudFormation), MongoDB, PostgreSQL, Docker, Express, GraphQL, Jest, Swagger.	

Banco Ganadero S.A. Software Developer	Cochabamba, Bolivia March 2021 – August 2021
Key Achievements:	
<ul style="list-style-type: none"> ● Designed and implemented complex and performance-critical Oracle SQL queries and stored procedures to retrieve and classify delinquent debtors during the pandemic. ● Built a full administration panel for bank executives and a CMS for debtor management, enabling improved tracking, planning and operational efficiency. 	
Technologies:	
React, Next.js, Express, Oracle, Tailwind, Bootstrap, Jest, Swagger.	
Bluegroup Marketing Software Developer	Cochabamba, Bolivia January 2020 – December 2020
Developed marketing-driven web applications with integrated analytics.	
Key Achievements:	
<ul style="list-style-type: none"> ● Delivered e-commerce and marketing performance dashboards integrating Google Ads, Facebook Pixel and SEO metrics. ● Built scalable e-commerce solutions with high product volumes for local retailers. ● Implemented secure payment integration for Bolivian debit/credit cards. ● Built REST APIs for synchronizing inventory, orders and products with external ERPs. 	
Technologies:	
Next.js, Node.js, Express, PostgreSQL, MongoDB, Docker, Kubernetes, GitLab/GitHub Actions.	
EDUCATION	
Universidad Católica de Bolivia Telecommunications Engineer	Cochabamba, Bolivia 2010-2015
TECHNICAL SKILLS	
<ul style="list-style-type: none"> ● Node.js, TypeScript, NestJS, Express ● Python, Django ● React, Next.js, Angular ● PostgreSQL, MongoDB, Redis, Oracle ● AWS (Lambda, API Gateway, SQS, EventBridge, SES, S3) ● GCP (Cloud Run, Pub/Sub, BigQuery, Secret Manager) ● Docker, Kubernetes ● CI/CD (GitHub Actions, GitLab CI) ● Microservices, Serverless, Clean Architecture 	