

Senior Full-Stack Engineer

Edgar Olivar

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Professional Profile

Full-stack software engineer with ~7 years of experience building product systems across fintech, ad-tech, and airlines in LATAM. I ship end-to-end features across frontend and backend, working with event-driven architectures and multi-country platforms. Experience includes systems serving 200K+ users, handling ~600 req/sec, and processing datasets up to ~30M records. Strong experience collaborating with product managers, designers, QA engineers, and business stakeholders to translate business requirements into robust technical solutions. Passionate about building scalable software that delivers measurable business impact.

Technical Skills

Frontend: React, Next.js, React Native (Expo), Tailwind CSS, shadcn/ui, HTML5, CSS3

Backend: Node.js, NestJS, Express, Java, Spring Boot, Python

Databases: PostgreSQL, MongoDB, Prisma, Relational Database Design, Database Schema Design.

Cloud & Infrastructure: AWS, GCP, Vercel, Git Github

Architecture: REST APIs, Microservices, Scalable Backend Systems, Event-Driven Architecture, Distributed Systems, Async Processing, Authentication, API Integrations, Performance Optimization

Languages: Spanish (Native), English C1 (Professional Working Proficiency)

Experiences

Seidor, Software Engineer Oct 2025 – Present, Chile

- Working on the digital transformation of Mallplaza's partner platform, migrating a legacy SAP ecosystem into a modern B2B application (Next.js, Spring Boot, GCP) used by international brands across 45 shopping centers in LATAM.
- Integrated third-party payments in Colombia, reducing validation time from ~3 days to real-time
- Supporting rollout across Colombia, Peru, and Chile in a lean engineering team

Technologies: React, Next, Node, Java Springboot, Python, Docker, Postgresql, Git, Gitlab, GCP, Tag Manager.

Mercado Libre, Software Engineer Mar 2023 – Jul 2025, Chile

- Built audience management features for Mercado Ads platform serving 200K+ advertisers
- Designed async pipelines processing datasets from ~1M to ~30M users, supporting ~600 req/s peak load
- Enabled custom audience targeting workflows under data privacy constraints
- Built Creative Studio, a multimodal AI tool for product images. Developed the frontend and async workflows to orchestrate high-scale, multi-model outputs.

Technologies: React, Node, Java, Springboot, Postgresql, Docker, AWS, GCP, BigQuery, Redis, Kafka, Git, Github.

Falabella Financiero, Software Engineer Aug 2021 – Feb 2023, Chile

- Built core services for BNPL product operating in Colombia and Peru
- Integrated risk engine and authentication flows for credit approval
- Reduced credit validation time by ~60% using event-driven microservices architecture

Technologies: Node, Nest, Postgresql, Docker, Azure, GCP, BigQuery, Redis, Rabbitmq, Kafka, Git, Gitlab.

SKY Airline, Software Engineer Feb 2020 – Aug 2021, Chile

- Built B2B ticketing API used by enterprise clients; Primary revenue channel during COVID
- Replaced manual sales processes with real-time transaction systems.

Technologies: Node, Nest, Postgresql, MongoDB, Python, Docker, Kubernetes, GCP, Redis, Rabbit, Git, Github.

Tecnoandina SPA, Software Engineer *May 2019 – Feb 2020, Chile*

- Developed a data monitoring and correction platform for Agrosuper to handle large volumes of agricultural telemetry.
- Built backend services and interactive dashboards to convert raw sensor data into real-time and batch operational insights
- Optimized high-volume ETL processing by refactoring MongoDB query aggregation and adopting stream-based Excel export for 500K records, accelerating report generation from 24 hours to 3 minutes.

Technologies: Node, Express, Python, Vue, MongoDB, Docker, Git, Github.

Freelance Full-Stack Software Engineer 2021 – Present, Chile

Design, develop, deploy, and maintain custom web and mobile applications for organizations in the insurance, healthcare, and nonprofit sectors. Work directly with stakeholders to gather requirements, define technical solutions, prioritize roadmaps, and deliver production-ready software. Selected projects:

Mi Partner 360 (2025-2026)

- Developed a cross-platform mobile application improving communication and coordination for athletes and people with disabilities requiring physical assistance.

Technologies: React Native, Expo, NativeWind, Expo EAS

Flexio (2025)

- Engineered a scalable health insurance quoting tool that consolidated information from 7 Chilean providers, resulting in a 40% reduction in customer inquiry response time and improved user satisfaction ratings across the board.
- Designed the authentication architecture using Auth.js and Keycloak on AWS.
- Led the complete technical implementation, deployment, and ongoing development.

Technologies: Next.js 15, Tailwind CSS, shadcn/ui, Auth.js, Keycloak, PostgreSQL, AWS, Vercel

SIGUE Seguros (2022-2024)

- Developed a quotation management dashboard integrating multiple insurance companies through custom API adapters.
- Built a unified workflow allowing insurance brokers to compare and manage quotations efficiently.

Technologies: Next.js 15, PostgreSQL, Tailwind CSS, SendGrid, Vercel

Falabella Insurance Workers Union (2021-present)

- Modernized the organization's website by migrating from a legacy PWA and Wix into a scalable Next.js application.
- Meet monthly with stakeholders to gather requirements, prioritize improvements, and plan future releases.
- Continue maintaining and evolving the platform since 2021.

Technologies: Next.js, Tailwind CSS, shadcn/ui, Vercel, Zoho Mail, Resend

Education

Aeronautical Engineer, UNEFA, Venezuela. 2012-2017.