

KENNETH LÓPEZ PORRAS

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PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with 6+ years of experience specialized in building enterprise-grade systems that bridge the gap between complex technical excellence and strategic business value. Expert in architecting scalable solutions using C#, Java, and modern JavaScript frameworks, with a proven track record of leading engineering initiatives that drive growth and operational efficiency. I am committed to delivering high-level technical architecture while leveraging AI-driven workflows and cutting-edge tools to accelerate development cycles, ensure code quality, and solve intricate business challenges.

EXPERIENCE

Software Engineer

Jan 2026 – Present

JMD365

Remote

- Developed and maintained RESTful API endpoints using .NET Core, handling request validation, error handling, and response formatting to ensure consistent and reliable service behavior.
- Diagnosed and resolved backend bugs across .NET Core services, identifying root causes through log analysis and debugging tools, reducing system errors and improving overall application stability.

University Professor

Jan 2025 – Mar 2026

Universidad de Costa Rica (UCR)

On-Site

- Designed and delivered Core Java curriculum covering OOP, SOLID principles, and Design Patterns for undergraduate cohorts, enabling students to build maintainable, production-quality code from day one.
- Introduced automated unit testing with JUnit into all project assessments, achieving over 90% test-coverage adoption across final projects and reducing post-submission defect rates.
- Mentored students on JVM memory management, multithreading, and efficient data structure selection, equipping them with backend engineering skills applicable to enterprise-level systems.

Software Engineer II

Sep 2024 – Nov 2025

Konrad Group

Hybrid

- Developed and maintained backend services using ASP.NET Core and Entity Framework Core, structuring RESTful endpoints and defining clear separation between domain, application, and infrastructure layers across multi-team projects.
- Integrated third-party APIs with OAuth 2.0 and Microsoft Entra ID (formerly Azure AD), coordinating deliverables within Scrum cycles.
- Collaborated within Scrum teams to deliver backend features incrementally, participating in sprint planning, code reviews, and retrospectives to maintain consistent delivery cadence across releases.

Software Engineer

Feb 2023 – Feb 2024

Fresh Consulting

Remote

- Led end-to-end full-stack development for enterprise clients, applying System Design principles to optimize database schemas, resulting in on-time delivery of projects and a measurable reduction in technical debt.
- Redesigned legacy database schemas for high-traffic enterprise systems, improving query performance on critical reporting paths and increasing overall system reliability for end users.

Software Engineer

Dec 2020 – Jan 2023

Nearlinx

Remote

- Built responsive React interfaces integrated with scalable backend services via RESTful APIs, delivering consistent user-facing functionality across multiple enterprise client projects.

- Collaborated in Agile cross-functional teams, contributing to sprint planning, code reviews, and retrospectives that shortened feedback cycles and maintained high code-quality standards across releases.

PROJECTS

Fit Manage App — fitmanage.app

Jan 2023 – Present — CTO · Lead Developer

- Identified a gap in affordable gym management tooling and architected a full-stack SaaS platform from scratch, taking sole ownership of all technology and infrastructure decisions as architect and CTO.
- Engineered a cross-platform mobile application in Flutter and a Vue.js web dashboard, delivering a seamless experience across iOS and Android.
- Designed a multi-tenant MongoDB data model supporting gym accounts with flexible subscription tiers and role-based access control at scale.
- Integrated AI-powered workout routine generation via OpenAI APIs, automating personalized exercise programming and reducing routine-creation time for end users.
- Built and deployed a Node.js data pipeline processing a bilingual library of 6,300+ exercises with GIF assets, automating batch uploads to Cloudflare Images and cutting content-ingestion time from days to hours.

CERTIFICATIONS

Microsoft Certified: [Azure Fundamentals \(AZ-900\)](#)

EDUCATION & LANGUAGES

Bachelor of Computer Science — Universidad de Costa Rica (UCR)

2017 – 2020

Languages: English (Advanced), Spanish (Native)

TECHNICAL SKILLS

Core Stack: Java, Spring Boot, TypeScript, JavaScript, Node.js, C#, .NET, Vue.js, Flutter.

Data & APIs: SQL Server, MongoDB, RESTful APIs, JSON, Data Modeling.

Engineering: Software Architecture, System Design, SOLID, Design Patterns, Agile, Git.

Cloud: Microsoft Azure (AZ-900 Certified).