

Daniel Zúñiga Rojas

Software Engineer | Product Engineering | Cloud & AI

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Professional Summary

Full Stack Software Engineer with nearly 5 years of experience building enterprise cloud applications, modern web platforms, and AI-powered solutions. Experienced in leading the complete feature lifecycle—from UX design and stakeholder collaboration to frontend architecture, backend development, and production deployment. Strong background in React, Node.js, PostgreSQL, IBM Cloud, and Azure DevOps, with hands-on experience integrating LLMs, improving application performance, and designing scalable products used by internal enterprise teams. Currently expanding expertise in Kubernetes and cloud-native application development.

Experience

IBM	Heredia, Costa Rica
Semi-senior Software Engineer	Dec 2024 - Present

- Own the end-to-end delivery of features across IBM Cloud Fraud and Abuse platforms, collaborating with Product Managers, architects, QA engineers, and fraud analysts throughout the entire development lifecycle.
- Lead UX design initiatives for both platforms as the sole UI/UX designer, creating Figma prototypes, defining user flows, and ensuring consistent experiences across enterprise applications.
- Designed and implemented a complete Fraud Profiles module from concept to production, including UX design, React Context architecture, backend APIs, PostgreSQL integration, and stakeholder validation.
- Improve analyst productivity by redesigning dashboards, forms, tables, filtering systems, and responsive layouts across internal fraud investigation platforms.
- Develop full-stack features using React, Node.js, PostgreSQL, and IBM Cloud technologies while maintaining secure enterprise development standards and partnered with solution architects to define frontend architecture decisions, including React Context state management strategies for large-scale applications.
- Contribute to IBM Cloud infrastructure initiatives by configuring deployment pipelines, migrating workloads to OnePipeline, and improving operational workflows.
- Design AI-powered user experiences for fraud prevention initiatives involving Large Language Models (LLMs), helping define interfaces for AI-assisted analyst workflows.

West Monroe	Remote
Software Engineer II	Mar 2024 - Nov 2024

- Led the migration of **20+ enterprise applications** following a large-scale corporate acquisition, designing CI/CD pipelines and adapting legacy systems to new deployment environments within an aggressive six-month timeline.
- Designed and developed a multi-tenant Angular application to monitor deployment pipelines and application status across enterprise systems, improving operational visibility for engineering teams.
- Built deployment automation from the ground up using Azure DevOps, PowerShell, SSIS, SSRS, and Power BI, reducing deployment times by **25%** while increasing deployment reliability.
- Collaborated on critical improvements to enterprise financial systems, helping resolve high-impact issues that prevented multi-million-dollar operational losses.
- Worked across diverse technology stacks—including C#, .NET, JavaScript, Angular, C, and C++—modernizing applications and ensuring successful production migrations.
- Integrated multiple enterprise services—including Stripe, Contentful, Tealium, Braze, Mitek, and Experian—to support payment processing, customer identity verification, analytics, and marketing automation.
- Improved performance of AutoNation's vehicle rental platform by reducing catalog and checkout loading times by **30%** through frontend optimization and state management improvements.

Education

EUDE Business School	Master's Degree • GPA 3.5 Honors
Business Intelligence & Big Data Analytics	Madrid, Remote • Jan 2025 - Nov 2025
Machine Learning Business Intelligence Artificial Intelligence Big Data Data Analytics Data Privacy & Compliance	
CENFOTEC University	Bachelor • GPA 3.5
Software Engineering	San Jose, Costa Rica • Jan 2020 - Jul 2024
Graduated with Honors and ExpoCenfo Best Project Showcase (2 projects)	

Projects

AI-Powered Travel Recommendation Platform	Jan 2024 - May 2024
Kotlin Node.js PostgreSQL OpenAI GPT-4.5 WebSockets	
Developed a Kotlin Android application with Node backend featuring authentication, live chat through WebSockets, AI-powered recommendations for restaurants, accommodations, attractions, personalized itineraries, and trip-sharing capabilities. And integrated the OpenAI GPT-4.5 API, optimizing prompt design, token consumption, and response times to deliver fast and relevant recommendations.	
AI-Assisted Fraud Investigation Experience	Jan 2026 - Jul 2026
IBM Figma LLM Integration Product Design	
- Designed user experiences for the integration of Large Language Models into an enterprise fraud investigation platform and collaborated with Product Managers, fraud analysts, and engineering teams to define AI-assisted workflows for case analysis. - Created interface prototypes focused on usability, response clarity, and analyst productivity as well as participation in discussions around latency, token optimization, and enterprise AI adoption.	

Skills

 Programming Languages
JavaScript (ES6+), Typescript, SQL, Kotlin, C#, Java, Python
 Frontend
React, Next.js, Angular, React Native, HTML5, SCSS, Responsive Design, WCAG, Figma
 Backend
Node.js, Express.js, REST APIs, GraphQL, MongoDB, PostgreSQL, Django, Nest
 Cloud, DevOps, Infrastructure & AI
Azure, Kubernetes, Docker, CI/CD, OnePipeline, Jenkins, Git, Claude, Codex, Bob, RabbitMQ, Redis

Certifications

Microsoft Certified: Azure Fundamentals AZ-900	Sep 2024
Microsoft	
Certified Kubernetes Application Developer (CKAD) — In Progress (Expected Sep 2026)	Jul 2026 - Sept 2026
Linux Foundation	
Kubernetes	Jun 2026
Cenfotec University	

Languages

English - Advanced
Spanish - Native