

Juan Rodriguez | Software Developer

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Professional Profile

Software Engineer with 3+ years of experience delivering secure, high-performance, and scalable applications in banking and fintech environments. Specialized in React, LitElement, and modern JavaScript frameworks, with proven success optimizing performance, enhancing accessibility (WCAG 2.1 AA), and creating user-centric digital solutions that comply with strict regulatory standards. Strong background in frontend architecture, backend integration, and DevOps practices, complemented by experience leading cross-functional teams and defining coding standards. Recognized for a meticulous approach to code quality, maintainability, and security, ensuring that financial products are reliable, compliant, and aligned with business goals. Highly adaptable and committed to continuous learning. If a technology or skill is not yet in my toolkit, I make it a priority to learn it quickly and apply it effectively.

Technical Skills

Frontend: React | LitElement | Web Components | HTML | SCSS

Backend: Node.js | NestJS | Python | Flask

DevOps & Cloud: Docker | Azure | Bitbucket | GitHub | Google Cloud Platform (GCP)

Artificial Intelligence: LangChain | LangGraph | OpenAI | RAG

Additional Tools: React Native | PowerApps | Firebase | Windows Server

Languages: Spanish (Native) | English (C1, EFSET)

Education

University of Pennsylvania — IAPS Summer A 2025 Program, Philadelphia - USA (July 2025)

- Courses: IAPS Leadership and Teams Building Advanced, IAPS Innovation and Technology Advanced, IAPS Core Advanced.
- Developed advanced leadership, innovation, and communication skills in a highly diverse, international academic setting.
- Delivered presentations and collaborated on group projects, strengthening public speaking and teamwork abilities.

Peruvian University of Applied Sciences — Electronic Engineering, Lima - Perú (2018 — 2021)

- Published research paper at BTSym symposium on ECG Signal Reconstruction ([Certificate](#))
- GPA: 16/20 \approx 3.27
- Coursework: Operating Systems, Artificial Intelligence, Microcontroller Programming.

Experience

BBVA Bank Peru — Front-End Developer / Release Manager | May 2023 - Present

- Designed and implemented LitElement development standards, improving performance and accessibility.
- Led 'Glopilot', an AI-based development automation initiative using VS Code and Chrome extensions, reducing repetitive coding tasks by 35%.
- Developed reusable, testable, and accessible components for web and mobile platforms
- Delivered training for new developers in Cells, LitElement, accessibility, and e2e testing.
- Contributed to key projects including Claim Book, Contract Signing, My Conversations, BBVA Points, and Spherica Migration.
- [App Store](#) and [Google Play](#).

Stack: LitElement · JavaScript · React · Chrome Extensions · Web Components · Karma · Radish · Bitbucket · Android · iOS

Devsu (Pichincha Bank - CoE) Full Stack Developer | Jan 2022 - Jun 2023

- Developed cognitive assistant using Azure (Bot Service, LUIS) integrated with Microsoft Teams, reducing operational workload by 8 FTEs.
- Applied prompt engineering techniques for automated process table extraction.
- Automated workflows with UiPath, Power Automate, and PowerApps.
- Created a NestJS backend archetype adopted across the organization.

Stack: UiPath · Power Automate · Power Apps · Node.js · NestJS · Azure · Bot Service · LUIS · Microsoft Teams · OpenAI · Flask · Python

TruMarket - Freelance Full Stack Developer | Nov 2023 - Feb 2024

- Enhanced marketplace dashboard performance with Next.js (App Router) and Turbopack, improving load times by 40%.
- Implemented GraphQL queries/mutations and MongoDB schema for scalable product and user data.
- Strengthened CI/CD pipeline with GitHub Actions, automating testing and deployments.
- Improved unit test coverage by 25%, ensuring maintainability and reducing bugs.
- Webpage: <https://trumarket.tech/>

Stack: Next.js - Turbopack - GraphQL - MongoDB - Docker - GitHub Actions - TypeScript - Unit Testing - GitHub

Distribuidora y Droguería Inka S.A.C. — Web & Infrastructure Developer | Dec 2020 - Dec 2021

- Managed servers running Windows Server 2012R2 and 2016.
- Developed a landing page with Next.js and Firebase (www.disdroinka.com).
- Implemented a business card generator (www.disdroinka.com/tarjeta) and official corporate email signature tool (www.disdroinka.com/firma-oficial).
- Built a real-time sales tracking system (Next.js, React Native - Google Play link).

VascoTechnologies S.A.C. — Practicante de Sistemas (PHP, Wordpress) | Mar - Jun 2021

- Migrated an e-commerce platform to WordPress (tienda.vascotechnologies.net) and developed a product quotation tool (tienda.vascotechnologies.net/cotizador) with PDF generation and email alerts for analytics, using PHP.
- Created custom payment gateway plugins (Yape, Plin, and Tunki).

Courses and certifications

AI Application Development – IDAT	19/06/2025
Google Cloud Skill Badges: Load Balancing , Cloud Security , App Dev Environment , Secure Network	28/05/2025
EF SET English Certificate 63/100 (C1 Advanced) https://cert.efset.org/hk46x6	01/04/2023
NODE JS: ADVANCED CONCEPTS – Udemy	24/03/2022
REACT FRONT TO BACK 2022– Udemy	16/02/2022
DESARROLLO WEB COMPLETO CON HTML5, CSS3, JS, AJAX, PHP Y MYSQL – Udemy	02/02/2022
GOOGLE IT SUPPORT – Google	17/06/2021
RESPONSIVE WEB DESIGN – freeCodeCamp	26/01/2021
ENTERPRISE NETWORKING, SECURITY, AND AUTOMATION V7.0 – Cisco Networking Academy	14/12/2020

Side Projects

Inka Calc | Gold Calculator – React Native Mobile App (Aug 2025)

- Developed for a small local business to calculate gold prices in USD and PEN.
- Published on Google Play a gold price calculator in USD and PEN.
- Built with React Native, integrated real-time exchange rates, and implemented store compliance.
<https://play.google.com/store/apps/details?id=com.inkaCalc.jitrodriguez>

Trucos Tecnológicos – TikTok Channel (2023 - Present)

- Produced short, simple tutorials on digital tools.
- Reached 1.1M views, practicing clear communication of technical concepts.
<https://www.tiktok.com/@trucostecnologicos>

Gatito Sanador – TikTok Channel (Aug 2025)

- Created content on emotional well-being with storytelling and editing.
- Improved audience engagement skills and short-form video production.
<https://www.tiktok.com/@gatitosanador>