

Joshua Jiménez Leitón

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Full-Stack Software Developer with hands-on experience building production-grade web applications using Node.js, React, Next.js, TypeScript, Python, and PostgreSQL. Skilled in REST API design, authentication middleware, server-side rendering, API routes, webhook integrations, and CI/CD automation with GitHub Actions. Experienced delivering across mixed-vintage technology stacks and regulated, compliance-sensitive environments, with a proven ability to quickly adapt to new domains and technical contexts. Applies AI-assisted development workflows including Spec-Driven Development, context engineering, and skill agents to accelerate delivery cycles and maintain code quality at scale. Strong background in cloud-native infrastructure (AWS, Cloudflare, Docker) and data engineering. Currently completing a B.Sc. in Computer Engineering at Instituto Tecnológico de Costa Rica.

EDUCATION

B.Sc. Computer Engineering | Instituto Tecnológico de Costa Rica

2026 (Expected)

TECHNICAL SKILLS

Languages:	Python, JavaScript (ES2020+), TypeScript, SQL, Java, .NET, C
Frontend:	React, Vue 3, Next.js, Pinia, Vite, Tailwind CSS, DaisyUI, FormKit, HTML5, CSS3
Backend:	Node.js 18+, FastAPI (Python), RESTful APIs, webhook integrations, API routes, authentication middleware, ORM migrations (Alembic)
Databases:	PostgreSQL, MySQL, SQL Server, MongoDB, Neon (serverless PostgreSQL)
Cloud & Infra:	AWS (Cognito, EKS/Kubernetes, S3, CloudFront), Docker/Podman, Linux, Cloudflare, Render
DevOps & CI/CD:	GitHub Actions, Git/GitHub, CI/CD pipelines, Agile/Scrum
Testing:	Pytest (integration), Vitest (unit), Playwright (E2E)
UI/UX Design:	Figma, Stitch (AI design), Claude Design, AI-assisted wireframing, prototyping, component specs
AI & Dev Tooling:	Claude (Anthropic), GPT Codex, Spec-Driven Development (OpenSpec), Context Engineering, Skill Agents, AI Hooks, Claude Code
Familiar with:	GraphQL, Apollo Client, Apollo Server, Prisma ORM, Redis, Stripe API
Data & Analytics:	Tableau, Power BI, Snowflake, KNIME, Databricks (fundamentals), Google Analytics, Google Tag Manager, Alteryx, Excel (Advanced)

CERTIFICATIONS

Claude Code in Action | Anthropic Education — March 2026 (verify: skilljar.com/c/a2vesa6o89iq)

Responsive Web Design | freeCodeCamp

Introduction to Git | DataCamp

AWS Cloud Practitioner | AWS (In Progress)

EXPERIENCE

Software Developer Intern | Pernix Solutions

January 2026 – Present • San José, Costa Rica (Remote)

Next Level Cyber — Cybersecurity Maturity Assessment Platform (B2B SaaS, NIST CSF)

- Built REST API endpoints in Python/FastAPI for interview management, maturity scoring, risk catalog, and business process lifecycle including soft-delete, status filtering, multi-org access control, and audit logging for compliance-sensitive workflows.
- Implemented multi-tenant role-based access control using AWS Cognito JWTs and a custom authentication middleware (TenantScope) for request-level tenant validation and authorization enforcement.

- Developed Vue 3 reactive UI views including domain radar selectors, process catalogs, and assessment comparison flows (TypeScript, Pinia, Tailwind CSS, DaisyUI).
- Designed and deployed a staging environment with webhook-driven CI/CD pipelines (GitHub Actions), triggering automated deployments on push/PR events to Neon (serverless PostgreSQL), Render (backend), and Cloudflare (frontend).
- Authored structured Agile user stories, manual QA test plans, and integration test suites (Pytest, Vitest, Playwright) aligned to project standards.
- Led AI-assisted development workflow using Claude Code and GPT Codex: automated test generation, PR description drafting, merge conflict resolution, and sprint coverage auditing.
- Built and maintained custom AI skill agents (slash commands) to automate recurring developer workflows: story creation, test generation, backend rebuilds, and coverage audits.
- Applied Spec-Driven Development (OpenSpec), context engineering, and hook-based automation to maintain alignment between requirements, code, and tests across sprints.
- Contributed to UI/UX design using Figma and AI-assisted design tools (Stitch, Claude Design) to produce wireframes, component layouts, and visual specifications aligned with product requirements.

Stack: Python · FastAPI · PostgreSQL · Alembic · Vue 3 · TypeScript · Pinia · Vite · Tailwind CSS · AWS (Cognito, EKS, S3, CloudFront) · Docker · GitHub Actions · Pytest · Vitest · Playwright

Remote Fleet Engineer | T&TA — HP Inc. (Contractor)

2023 – 2025 • Remote

- Provided remote technical support for enterprise printing fleets across multiple client organizations, ensuring device uptime, performance, and security compliance.
- Managed configuration, diagnostics, and maintenance scheduling for HP print infrastructure using HP's centralized pull-printing / Follow-Me print management server.
- Coordinated with global teams to implement print management policies and address client-specific requirements across diverse network environments.
- Delivered hardware, network, and connectivity troubleshooting; escalated and coordinated on-site technician support when required.

Data Analyst Intern | Publicis Groupe Delivery

June 2022 – December 2022

- Built and optimized interactive dashboards in Tableau and Power BI, enhancing visibility of key marketing and performance metrics for internal stakeholders.
- Designed and maintained ETL pipelines to clean, transform, and integrate data from multiple sources including SQL databases, Excel files, Snowflake, and Google Analytics.
- Implemented and configured Google Tag Manager (GTM) to track user interactions and ensure accurate data collection across digital campaigns.
- Utilized KNIME for data processing, automation, and workflow orchestration, improving the efficiency and reproducibility of analytical tasks.

PROJECTS

Next Level Cyber | Pernix Solutions

Technologies: Python, FastAPI, PostgreSQL, Vue 3, TypeScript, Pinia, Tailwind CSS, AWS, Docker, GitHub Actions, Pytest, Playwright

- Developed a B2B SaaS platform for cybersecurity maturity assessments aligned with the NIST Cybersecurity Framework, enabling structured interviews, security posture evaluation across domains, and assessment comparisons over time.
- Built REST API endpoints for interview management, maturity scoring, risk catalog, and business process lifecycle with multi-org access control.
- Implemented multi-tenant RBAC using AWS Cognito JWTs and a custom TenantScope validation layer.
- Developed Vue 3 reactive UI views including domain radar selectors, process catalogs, and assessment comparison flows.
- Deployed a staging environment with automated CI/CD pipelines using GitHub Actions, Neon, Render, and Cloudflare.

- Applied AI-assisted development (Claude Code, GPT Codex, Spec-Driven Development, context engineering, skill agents) throughout the full development lifecycle.
- Contributed to UI/UX design using Figma, Stitch, and Claude Design to produce wireframes, component layouts, and visual specs aligned with product and accessibility requirements.

Personal Portfolio | Personal (In Progress)

Technologies: Next.js, React, TypeScript, Tailwind CSS, Cloudflare

- Building a personal portfolio site with Next.js (Pages Router), server-side rendering, dynamic routing, and responsive design.
- Deployed via Cloudflare for edge performance and continuous delivery.

Node.js Projects | Personal

Technologies: Node.js, JavaScript, REST APIs

- Developed small full-stack applications including a Task Manager and Pokédex API, applying REST API design and modular JavaScript patterns.

Final Project Management v3 | Academic

Technologies: JavaScript, React, Supabase, CSS, Netlify

- Upgraded and refactored a React-based project management platform; integrated Supabase for authentication and real-time data sync.
- Delivered new modules for project tracking, user roles, and reporting.

Market Analysis | Publicis Groupe Delivery

Technologies: KNIME, Python, Power BI, Excel, SQL

- Developed automated ETL workflows and interactive dashboards to support a client's go-to-market strategy.

Online Casino Backend | Global Gaming Labs

Technologies: .NET, SQL Server, JavaScript, IIS

- Built backend systems in .NET Framework with SQL Server and JavaScript for a high-volume online casino platform.
- Designed relational database schemas for high-volume transactions and implemented secure data handling.

Cinema App | Personal

Technologies: Java, Android Studio, MySQL, XML

- Engineered a mobile cinema scheduling app in Java with a MySQL backend; collaborated in an Agile team on UI/UX improvements.

LANGUAGES

Spanish (Native) • English (B2 — Upper Intermediate)