

DAVID QUINTANILLA

SOFTWARE ENGINEER · FULL STACK & AGENTIC AI

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Full-stack engineer (React/Next.js · Python/Django) with deep, hands-on experience building **agentic AI systems**: LLM-powered product features, Claude-driven development workflows, and AI-assisted testing. Strong AWS infrastructure and CI/CD background. Master's in AI & Big Data. Currently leading frontend work for US clients through nearshore engagements.

WORK EXPERIENCE

Full Stack Engineer

Feb 2023 – Present

TeamsWell · Nearshore software agency

Embedded engineer for US-based clients, owning frontend architecture and full-stack delivery across engagements.

Epallet, Tech Lead

- Lead the frontend team: mentor developers, set standards, and drive code reviews and architecture decisions.
- Own delivery of new product features end to end, from design handoff to production release.
- Full-stack contributor, extensive backend work in Python/Django (APIs, data models, integrations).
- Ship agentic AI features and Claude-powered workflows into the product and the team's dev process.

Arda, Frontend Senior Developer, logistics software

- Built the frontend infrastructure from scratch for a logistics platform (Next.js, TypeScript).
- Designed and owned the full CI/CD pipeline deploying to AWS, from build and test automation to production infrastructure.
- Integrated agentic AI capabilities and Claude-assisted engineering workflows across the codebase.
- Established the automated testing strategy and tooling, including AI-assisted test generation.

Software Engineer · CH2 Solutions

Sep 2022 – Feb 2023

- Developed REST APIs in Python (Flask) with Shopify integrations; authored unit tests in Go.

Lead Front-End Developer (Contract) · Impacto Labs

Feb 2022

- Front-end development of a web3 platform on the Cardano blockchain using React + Next.js.

Artificial Intelligence Engineer · E&S Global

Sep 2020 – Sep 2022

- Analyzed and implemented AI solutions for businesses of various sizes.
- Built backend services with Python/Django, plus analysis, web scraping, and AWS integrations.

Full-Stack Developer · Elaniin Tech Company

Nov 2020 – Feb 2021

- Developed software solutions with React on the front end and Django on the back end.

Leader, Web Developer · Vincu

May 2019 – Oct 2020

- Led the web development department across the full software life cycle, from requirements to deployment.

TECH STACK

Agentic AI: Claude (API & Claude Code), LLM agent workflows, MCP, prompt engineering, AI-assisted testing

Frontend: Next.js, React, TypeScript, Tailwind CSS

Backend: Python (Django, FastAPI), Node.js

CI/CD & DevOps: GitHub Actions, Docker, CloudFormation

Cloud: AWS (ECS, S3, CloudFront)

Databases: PostgreSQL, MongoDB

Other: Performance optimization, SEO, API development, automated testing

EDUCATION

Master's, Artificial Intelligence & Big Data

Universidad Isabel I · 2022–2024

Engineer's degree, Informatics Engineering

José Simeón Cañas Central American University · 2015–2020

CERTIFICATIONS

HCIA – Big Data · Huawei, 2022

Azure AI Fundamentals · Microsoft, 2022

AutoML on AWS · DeepLearning.AI, 2022

AWS Machine Learning · Udacity, 2021

NLP in Python · Datacamp, 2021

Project Management · UCA, 2020

HCIA – Artificial Intelligence · Huawei, 2019

VOLUNTEERING

GDG Organizer · GDG San Salvador

Event Ambassador · DeepLearning.AI

REFERENCES

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