

Jorge Luis Delgadillo Estrada

Software Engineer – Fullstack (React, Python, AWS) - jorgedelgadillo@gmail.com | +52 413 127 0604 | linkedin.com/in/jorge-delgadillo/ | Queretaro, Qro, Mexico | jorgedelgadillo.com

Profile

Versatile and detail-oriented Fullstack Software Engineer with over 5 years of experience in startups and international environments. Track record building scalable backend systems, cross-platform mobile apps, and managing cloud infrastructure. Passionate about clean code, automation, and delivering impactful user experiences.

Technical Skills

- Languages: Python, TypeScript, JavaScript, Kotlin, Swift
- Frameworks: React, React Native, VueJS, Django, Flask, FastAPI
- DevOps / Tools: Docker, AWS (EC2, S3, KMS), Datadog, Sentry, Mode Analytics, Kubernetes
- Databases: PostgreSQL, MongoDB
- Testing: Jest, Pytest, Appium, Browserstack
- Others: Stripe, Hyperwallet, LangChain, GraphQL

Professional Experience

Freelance Software Engineer | Jun 2025 – Present

- Implemented payment infrastructures with Stripe, including subscription flows, webhook security, and multi-platform integration for SaaS and ecommerce clients.
- Built custom AI agents with LangChain to automate data processing, knowledge retrieval, and workflow orchestration for internal operations.
- Designed AI automation pipelines in n8n, integrating LLMs, vector databases, and external APIs to reduce manual work for clients.
- Performed code refactors, including migrating entire projects from JavaScript to TypeScript, improving type safety, maintainability, and reliability.
- Upgraded legacy frontend apps by updating React versions, resolving breaking changes, improving performance, and modernizing tooling.
- Developed and extended REST APIs and microservices in Python/Node, ensuring secure integrations and production-grade deployments.

Instawork – San Francisco, CA (Remote from Mexico)

Software Engineer | Dec 2021 – May 2025

- Maintained and supported critical Payments infrastructure using Python and Django (Stripe, Hyperwallet) on AWS, leveraging EC2/ECS for microservices, Lambda for automation, and Redshift for data warehousing and replication used in Mode Reports.

- Collaborated with a fintech company to integrate their banking API, developing multiple RESTful microservices in Python/Django to support features such as transactions, 2FA, and card management for the mobile application.
- Built and integrated RESTful APIs across mobile and web platforms, ensuring secure authentication, scalability, and seamless data exchange between services.
- Developed native Android and iOS components (Kotlin/Swift) and integrated them with React Native.
- Formulated custom AI agents with Langchain to enhance internal automation processes.
- Led the development of a scheduler platform built with Reactjs, integrated with AWS for automated task orchestration, real-time monitoring, and asynchronous worker management, featuring dynamic scheduling rules, RBAC, and scalable API integrations as well refactor and module removals.
- Built end-to-end testing flows with Appium and Browserstack.
- Support for the web platform implemented in React with Typescript as well as implementation of several functionalities.

Stateoftheart.ai – Queretaro, Mexico
Fullstack Developer | Aug 2020 – Nov 2021

- Developed full-stack web features using VueJS for the frontend and Python for the backend, ensuring seamless API integration and data consistency across the application.
- Maintained Dockerized services and basic AWS infrastructure.
- Contributed across frontend/backend layers for fast-paced deployments.

Corebooks – Celaya, Mexico
Software Developer | Jan 2019 – Jun 2020

- Built cross-platform mobile point-of-sale system with React Native the mobile version and ReactJS the web version.
- Integrated Stripe payments and created ERP modules in Odoo (Python)

Education

Instituto Nacional de México en Celaya Bachelor's Degree in Computer Systems Engineering | 2014 – 2019

Languages

Spanish (Native), English (Fluent)