



Juan Hernandez

Full-stack developer with 7 years of experience in software development. Analytical team player with strong experience with both in-house and cloud infrastructure to build, deploy and maintain high availability and secure systems.

Caracas, Venezuela    

Skills

- Python, Javascript, C++, Elixir, Clojure, Golang, Rust, SQL, CSS.
- Django, React, Redux, NodeJS, Flask, Laravel, Phoenix, Gatsby, TensorFlow, FastAPI, Vue, Ionic, Angular, Astro.
- Kafka, RabbitMQ, Celery, Docker, AWS, Azure, GCP, Linode, Jenkins, Proxmox
- Postgresql, Mysql, Neo4j, MongoDB
- Github, Gitlab, Git, Linux, Bash Scripting, Dokku, QEMU, VirtManager, KVMs, NGINX, Selenium, Nix

Work Experience

Company: Arigatostudio **Role:** Assistant Programmer **Timeframe:** 02/2019–04/2019

- Managed and maintained company's clients websites (Ascenso, Aurora-Israel) leveraging on the Laravel, Blade, Angular stack along with Wordpress and MySQL.
- Fixed post-live bugs in both frontend and backend, making use of the terminal of Google Cloud Platform VMs when necessary. All managed using Jira as the primary project management software.

Company: TCS(Technology Consulting Solution) **Role:** Assistant Programmer
Timeframe: 05/2019–08/2019

- Lead programmer for a cross-platform health telemetry application making use of a robust tech stack using PostgreSQL, Angular and Laravel.
- Fixed post-live bugs across company's clients websites and systems.

Company: Darien Technology **Role:** Developer **Timeframe:** 02/2020 – 10/2020

- Development of cross-platform, marketing-focused and augmented reality (AR) applications using the Ionic framework integrated with Angular.
- Contributed to the development of backend features, conducted maintenance and facilitated updates for legacy codebases written in Python.
- Lead developer in porting of legacy Java codebases to Python and Javascript for governmental clients and ensuring seamless transitions and modernization of existing software infrastructure.

Company: Cryptomarket S.A **Role:** Fullstack Developer **Timeframe:** 10/2020 – 06/2026

- Pivotal role in end-to-end life cycle of the company's cryptocurrency solutions, tools and services as well as Know Your Customer (KYC) infrastructure from frontend implementation of UX flows, UI bug fixes, Django backend views, websockets implementation as well as design and implementation of template based rendering using React to cut development time. This led to increase in client turnover rate and substantial decrease on-boarding times.
- Design, development, deployment and documentation making use of UML diagrams and database ER diagrams of diverse range of products including: standalone services, frontend features, backend APIs, web sockets, scalable microservices, timed tasks, queued task using Kafka/ Celery.
- Maintainer, developer and deployment-assist engineer of microservices regarding trading data, accounting and csv/pdf report generation leveraging Scala, Java, Python, Rust and Golang in serverless cloud platforms like AWS and GCP, while consuming data from distributed messages coming from RabbitMQ/Kafka and producing structured information to integrate into company's products and clients.
- Additionally provided crucial technical support for the company's products in operation ensuring seamless and always available functionality and addressing any technical issues as they arose with the customer support team.
- Design and implementation of deterministic developer environments using Nix in order to avoid long on-boarding of other developers into internal projects.
- Implementation and integration of third-party payment service providers, crypto on-ramp, crypto off-ramp, quoting, execution of trades and updating internal SDKs, reporting of bugs, security issues and tests to ensure client financial data and payment functionality remained consistent and secure in multiple company's financial solutions.
- Optimization of resource-heavy queries on PostgreSQL databases to ensure faster query execution times, avoid database locks on other transactions and usage of compute resources.

Education

Information Technology Engineering Degree
Universidad Alejandro de Humboldt, Caracas, VE

GPA: 3.19 | 15.49