

Isaac Hilario Guzmán

Full Stack & DevOps Engineer

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Summary

Full Stack & DevOps Engineer with 5+ years building web and mobile applications across retail POS and healthcare. Specialised in Flutter and Laravel end-to-end delivery—from frontend and backend architecture to server configuration, monitoring, and CI/CD—while strengthening cloud and security foundations (AWS, Docker, Terraform, Linux). Comfortable owning complex deliverables that digitize operations, improve data visibility, and hold up in production.

Experience

UpFront Software Corporation

Nov 2020 – Present

Full Stack Application Developer and DevOps

New York, United States (Remote)

- Spearheaded end-to-end development of a real-time mobile sales dashboard—owning frontend, backend, server configuration, system monitoring, and CI/CD—so stakeholders can track store performance live.
- Architected distributed backend infrastructure for the sales application, ensuring high availability and seamless data flow for global store-performance monitoring in real time.
- Built and launched a Frequent Shopper loyalty app enabling customers to accumulate and redeem reward points in-store, driving retention and engagement.
- Developed an internal inventory and pricing management app that lets store staff instantly verify and update product prices on the floor, optimizing daily operational efficiency.

Ministerio de Salud Pública de la República Dominicana

Sep 2020 – Feb 2023

Computer Technician

Moca, Dominican Republic (On-site)

- Developed a comprehensive inventory platform to digitize vital statistics forms—tracking form types, delivery dates, personnel, and destination centers with full accountability.
- Engineered a return-tracking module that logs received form copies and automatically flags health centers with pending submissions.
- Built a secure healthcare portal for rapid COVID-19 tests, letting patients view results online and verify authenticity via QR validation.
- Designed and deployed real-time monitoring platforms for public health and veterinary vaccination campaigns, giving stakeholders immediate visibility into field performance and logistics.

Centro Médico Guadalupe

Aug 2018 – Mar 2020

Computer Technician

Moca, Dominican Republic (On-site)

- Directed expansion of the Electronic Medical Record (EMR) system into Inpatient Wards and Surgical Departments for specialized clinical workflows.
- Overhauled network infrastructure with departmental subnetting to optimize performance and isolate critical clinical traffic.
- Strengthened cybersecurity and data privacy by deploying and configuring enterprise Fortinet firewalls to protect patient networks.

Qjm Software SRL

May 2018 – Aug 2018

Computer Technician

Santiago, Dominican Republic (On-site)

- Led on-site rollout of a new EMR module tailored for Emergency and ICU workflows in fast-paced clinical environments.
- Trained doctors and nurses on the digital medical platform and provided hands-on support during go-live to maximize adoption and minimize operational disruption.

Education

B.Sc. in Systems Engineering

Sep 2019 – Oct 2024

Universidad Dominicana O&M

Computer Technician

Aug 2014 – May 2018

Instituto Politécnico Industrial de Santiago (IPISA)

Certifications

AWS Certified Cloud Practitioner · Google AI Essentials · Google Cybersecurity Professional Certificate

Skills

Front-End / Mobile

Flutter, Dart, HTML5, CSS, JavaScript, Tailwind CSS, Bootstrap, jQuery, Angular, Laravel Blade

Back-End

Laravel, PHP, REST APIs, SQL, MySQL, MongoDB, Python, Redis

DevOps / Cloud / Security

Git, GitHub Actions, Docker, Terraform, CI/CD, AWS, Linux, PHPUnit, Pest, Fortinet, Network Subnetting

Tools

Cursor, Claude Code

Languages

English — Professional working proficiency

Spanish — Native