

Frank Perez

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Principal Architect with **20 years** of experience turning complex business problems into scalable systems. A full-stack engineer turned architect. I own technical strategy across software, data, AI, cloud, UI, and security, leading teams and delivering the platforms, infrastructure, and developer-facing SDKs & APIs that customers build on.

01 EXPERIENCE

2020–Now

Boca Raton, FL

Remote

Honorlock

Principal Architect · 2023–Present

- Own corporate technical strategy and the architectural vision, partnering with leaders across sales, finance, marketing, and product to drive the company growth plan.
- Serve as the primary technical voice for corporate, internally and with key partners, prospects, and customers.
- Advance engineering capabilities across software, data, AI, cloud, UI, quality, and security.
- Lead a team of developers, owning Honorlock’s desktop (Electron) and cross-platform mobile (Flutter) applications end to end.
- Own and developed the SDKs and public APIs customers use to integrate with the Honorlock platform.

Software Architect · 2022–2023

- Partnered with product to plan and ship new products and features while maintaining existing systems.
- Drove infrastructure initiatives: framework and language version upgrades, and automation with Terraform.

Senior Software Engineer · 2020–2022

- Architected a Laravel-based service API and built a proof of concept on AWS ECS and Fargate.
- Implemented localization across applications, and a secure way to use multi-account AWS services without static credentials.
- Ran department-wide mob programming sessions to share knowledge and introduce new technologies.

2016–2020

England, UK
Remote

Happy Homewares *(formerly Haysom's)*

Senior Software Engineer

- Built and maintained the company eCommerce platform in Laravel and Vue.
- Integrated Amazon MWS, Wayfair, and eBay to automate product creation, stock updates, and order management across multiple countries and accounts.
- Built a custom ERP tracking finances, profit, revenue predictions, stock projections, purchase orders, and KPIs.
- Developed a warehouse management system to optimize picking and shipping, plus a Vue Native Android app for warehouse teams.
- Automated repricing based on popularity, stock, and competition; ran infrastructure on DigitalOcean and Laravel Forge with automated AWS S3 backups.

2014–2017

Fort Lauderdale
FL

Carcasm

Co-Founder & Technical Lead

- Co-founded and architected a multi-tenant SaaS platform built for scale.
- Integrated third-party systems to streamline customers' inventory management and marketing.

2007–2016

Fort Lauderdale
FL

Online Media Group

Team Lead / Senior Software Engineer

- Built custom eCommerce solutions with Laravel and CodeIgniter, plus WooCommerce, Kryptronic, and Shopify builds.
- Mentored junior developers and interns; led hiring, estimates, and weekly customer planning.
- Managed and secured Red Hat and Ubuntu servers with backups, patching, and benchmark testing; set up VOIP with Trixbox and FreePBX.
- Wrote bash tooling to monitor and block malicious requests, and an internal uptime monitor for customer sites.

2006–2007

Fort Lauderdale
FL

InterMakers

Full Stack Web Developer

- Developed and maintained customer eCommerce websites in PHP and Perl.
- Converted designs from Photoshop to W3C-compliant responsive HTML & CSS and integrated them into shopping carts.
- Configured Apache, MySQL, PHP, and Perl stacks and implemented SEO and marketing best practices.

02 STACK

BACKEND & CLOUD

PHP · Laravel · MySQL · Redis · AWS · Lambda · Terraform ·
Bash · Linux

FRONTEND & APPS

JavaScript · Vue · Nuxt · Flutter/Dart · Electron · Tailwind ·
Livewire

PRACTICE

Solution Architecture · Team Leadership · Cloud /
DevOps · SDK & API Design · CI/CD

03 CERTS & EDUCATION

HashiCorp Terraform Associate

AWS Solutions Architect – Associate

AWS Developer – Associate

AWS Cloud Practitioner · AWS Data Lab

Computer Engineering, A.A.

Broward College · Fort Lauderdale, FL · 2011

Languages: English · Spanish