

HECTOR RUBEN FLORES MORALES

FULL STACK SOFTWARE ENGINEER

Puerto Peñasco, Sonora, Mexico | Open to remote roles

hectorfloresm030201@gmail.com | LinkedIn | github.com/Playdead46

PROFESSIONAL SUMMARY

Full stack software engineer delivering production applications for three clients in retail, tourism and food service. Builds Angular interfaces, Node.js APIs and Firebase backend systems around each client's operational needs. Experience spans ERP workflows, real-time point of sale, tour booking, payments, cloud deployment and ongoing maintenance.

TECHNICAL SKILLS

Frontend: Angular, TypeScript, RxJS, HTML, SCSS, progressive web apps, SSR

Backend and data: Node.js, Express, REST APIs, Socket.IO, MySQL, Firestore, SQL transactions

Cloud and tooling: AWS EC2 / RDS / S3, Firebase Auth / Hosting / Functions, Cloudflare Workers, Stripe, Git, Playwright, Vitest

PROFESSIONAL EXPERIENCE

Full Stack Engineer | Hacienda del Sol Furniture

2024-Present | Sbest ERP | Private production system

- Replaced Excel-based reporting with an ERP serving 15-20 concurrent users across six departments; reduced report preparation from 1-2 weeks to seconds.
- Built and maintained Angular PWA features, Node.js/Express APIs and MySQL workflows for sales, payroll, commissions, inventory, deliveries and vendor payments.
- Developed an authenticated scraping pipeline for 11 vendors, normalizing catalogs for restock budgeting, pre-order checks and drop-shipping assessments.
- Contributed to a transactional FIFO inventory ledger; implemented JWT access and refresh tokens, revocable sessions and Socket.IO collaboration.
- Supported the Angular 13-to-21 migration, PWA push notifications and an AWS environment using EC2, RDS and S3.

Full Stack Developer | PV Pacific Tours

2026 | Client project in production | pvpacifictours.com

- Built an Angular 22 tour-booking platform with English/Spanish content and separate public storefront and staff administration apps.
- Implemented owner-managed tours, packages, pricing, availability and CMS content, plus reservation workflows and Stripe Checkout integration.
- Built SSR pages and SEO support, with Cloudflare Workers hosting, Firebase services, and Playwright and Vitest coverage of key workflows.

Backend Developer | Soul Brew

2026 | Client project in production | Public menu and staff POS

- Designed the Firestore database infrastructure and backend for a café POS, covering orders, product inventory, inventory movements and cash sessions.
- Implemented Firebase Authentication, role-based access and Firestore security rules to validate prices and protect stock and cash operations on the free Spark plan.
- Managed database infrastructure and application deployment, collaborating with the developer responsible for the React frontend.

Live site: webpagesrocky.github.io/soulbrew.frontend/

EDUCATION AND LANGUAGES

Higher University Technician (TSU), Multiplatform Software Development | 2022-2024

Universidad Tecnológica de Puerto Peñasco

Spanish: Native | English: B2 professional working proficiency