

Justin L. Harvey

Portland, ME (Remote) · (207) 408-2531 · jharvmail@gmail.com · github.com/G00DTECH · linkedin.com/in/justin-harvey-cspo

Forward-deployed engineer for payments and settlement infrastructure, in the room with the customer and in the codebase shipping the integration.

SUMMARY

Forward-deployed engineer who embeds with customers, scopes the real problem, and ships the integration in production, not a slide deck. I build payments and settlement systems end to end in Go, Rust, and TypeScript, and I hold my own in front of stakeholders because I spent a decade in public-sector software delivery and client-facing sales before I was writing the code. I have shipped a government excise-tax settlement platform on the XRP Ledger, a multi-processor payment-orchestration layer, and a tamper-evident analytics service anchored on Stellar, and I am inventor on three provisional patents in blockchain payment infrastructure. As comfortable architecting the API integration and reconciliation as I am translating it for a customer's engineers and their executives.

SELECTED SYSTEMS SHIPPED

Government Excise-Tax Settlement Platform

Go · XRPL · gov settlement

- Architected and built a blockchain settlement platform for government excise-tax payments on the XRP Ledger, cutting settlement from weeks to seconds without disrupting existing treasury and banking systems.
- Go microservices backend with role-based access control, full audit trails, a multi-source price oracle, and 1,000+ TPS throughput, paired with a taxpayer-facing portal and administrator workflows.
- Designed for compliance and auditability first, with reconciliation into existing treasury accounts.

omniPOS, Payment Orchestration

JavaScript · Node · MySQL

- Payment-orchestration layer unifying Stripe, PayPal, Square, Apple Pay, and Google Pay behind a single checkout, with modular processor adapters, webhook retries, idempotency, tokenization, and a reconciliation schema.
- Built so a new processor drops in as an adapter, the pattern a forward-deployed integration lives or dies on when every customer's stack is different.

TLaaS, Transparency Ledger as a Service

TypeScript · Rust/Soroban · Plaid

- Built tamper-evident financial analytics: an off-chain Postgres cache anchored on-chain via Rust Soroban smart contracts on Stellar, giving stakeholders provable, auditable data.
- Plaid ingestion pipeline with a 3-tier circuit-breaker validator, deterministic hashing, and an idempotent indexer that recomputes and verifies every record, surfaced through a Next.js dashboard.

TECHNICAL SKILLS

Languages: Go, TypeScript / JavaScript, Rust, Python, SQL / PL/pgSQL

Backend & Infra: Microservices, REST APIs, webhooks, Node.js, PostgreSQL, Redis, Docker, Kubernetes, Prometheus / Grafana, JWT auth & RBAC, CI/CD

Blockchain & Payments: XRPL settlement, Stellar / Soroban smart contracts, stablecoins (PYUSD), payment orchestration (Stripe, PayPal, Square, Authorize.Net), tokenization, PCI-DSS, 3DS, Plaid, DocuSign API, reconciliation

Customer-Facing Delivery: Integration design, technical demos and POCs, solution architecture, stakeholder mapping, requirements discovery, RFP/RFI response, Agile / Scrum (CSPO), JIRA, Aha!

PROFESSIONAL EXPERIENCE

Civic-Chain, Founder & Chief Product Officer

Remote · Feb 2026 – Present

- Founded a govtech company and built the platform end to end, from architecture through MVP, bringing blockchain transparency, citizen voting, and real-time payments to municipal procurement.
- Shipped five integrated modules including MCC-locked stablecoin virtual-card payments and a public cross-ledger audit trail, designed for adoption by non-technical town managers alongside their existing procurement systems.
- Inventor on three provisional patents covering the stablecoin card, geolocation voter verification, and a cross-ledger cryptographic audit chain.

Tyler Technologies (government software), Product Owner

Remote · Jan 2023 – Jul 2025

- Embedded with state and local government stakeholders and orchestrated multiple developer teams from discovery through deployment, owning solution delivery in production environments I did not control.
- Built custom financial-analytics tooling by integrating payment-processing APIs with agencies' BI systems, giving them real-time insight into revenue and payment behavior.
- Consolidated multiple state agencies' data onto an in-house reporting solution, saving over \$250K per year in licensing.
- Ran root-cause investigations on payment failures and reconciled cash and derivative positions valued over \$1M per quarter.

Tyler Technologies, *Business Development Manager*

Augusta, ME · Jun 2019 – Mar 2022

- Designed and delivered custom DocuSign API integrations automating document signing and approval workflows for government clients.
- Built a machine-learning public-assistance information service on Microsoft LUIS that helped state citizens find public resources.
- Led content-migration and integration projects across Alfresco and Drupal; owned discovery, user-journey mapping, wireframes, and project charters.

CERTIFICATIONS & TRAINING

Certified Scrum Product Owner (CSPO), Scrum Alliance · Agile Project Management, University of Maryland · Certified Facility & Vessel Security Officer · Certified Port Manager · DHS cyber-incident & network-assurance training