

SETH MOECKEL

Senior Systems Software Engineer • DevSecOps & Platform Leadership • AI-Integrated Systems

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SUMMARY

Senior engineer and entrepreneur with ~10 years across distributed systems, cloud infrastructure, DevSecOps, and backend platforms. Leads DevSecOps and platform architecture for a production insurance SaaS company, with a track record of co-founding and building products from the ground up, including AI-integrated systems like a local-LLM-driven policy engine. Proven ability to take ambiguous problems from concept through architecture, build, deployment, and long-term operation, with deep expertise in Go, schema-first API design, and Infrastructure as Code.

LEADERSHIP EXPERIENCE

Head of DevSecOps — **GloveBox**

Feb 2023 – Present

Previously Senior Systems Software Engineer at GloveBox, Oct 2021 – Feb 2023 (see below)

- **Led DevSecOps strategy end-to-end** and drove the company's SOC 2 compliance program to completion.
- **Migrated AWS infrastructure** from manual "ClickOps" configuration to fully Terraform-managed Infrastructure as Code.
- Built security policy and compliance automation using Drata, and migrated the team to SSO-first, zero-trust access patterns.
- Designed AWS-wide compliance backup systems and cross-account logging architecture using OAC sinks; built org-wide CloudWatch alarming modules in Terraform and managed Grafana deployments for engineering teams.
- **Architected an enterprise white-labeling platform** (Terraform, CloudFront, Lambda@Edge) enabling new clients to be onboarded via YAML configuration, generating nearly \$1M in additional revenue within 8 months.

CTO / Co-founder (Part-Time) — **Inpactive**

Dec 2023 – Jan 2026

- **Built Primarch**, a resource and training management platform for U.S. Army organizations, end-to-end: architecture, development, deployment, and infrastructure.
- Designed a schema-first Buf Connect API on a Go/PostgreSQL/S3 backend, deployed on GCP via Terraform, with SMS OTP and CAC-based authentication.
- **Prototyped an AI-driven Army policy engine** using a locally-integrated Ollama model to reason over OPA/Rego-defined policies, and built MCP servers around the private API to expose it to AI tooling.
- Prototyped use of various AI tools for physical resource management and optimization of the Army readiness platform.

Fractional CTO / Technical Advisor — **FitNxtDoor**

Apr 2019 – Sep 2019*

- Advised a startup building a vintage clothing resale mobile marketplace (Depop-style peer-to-peer model) on technical strategy and early-stage architecture.
- **Guided mobile platform and backend stack decisions** for a consumer marketplace app, covering listings, in-app messaging, and payments/checkout flow.
- Advised founders on engineering hiring, technical roadmap sequencing, and infrastructure choices to support early user growth.

AI-INTEGRATED SYSTEMS

- **Local-LLM Policy Engine (Inpactive / Primarch)**: Ollama model reasoning over OPA/Rego policy definitions to automate Army resource/training compliance decisions.
- **MCP Server Tooling (Inpactive)**: Built Model Context Protocol servers around a private Buf Connect API, exposing internal systems directly to AI agent tooling, including systems that convert an existing gRPC/Buf Connect service into a schema-driven MCP implementation.
- **AI-Assisted Engineering Workflow (GloveBox)**: Regular use of Claude, ChatGPT, and GitHub Copilot integrated into architecture, infrastructure-as-code, and delivery workflows.

WORK HISTORY

Senior Systems Software Engineer — **GloveBox**

Oct 2021 – Feb 2023

- **Designed and built Mirage**, an AWS Transfer Family-backed ETL platform ingesting gigabytes of XML/PDF insurance data, normalizing and linking data structures, and exposing the results through a gRPC API.
- Built dynamic Agency Management System (AMS) integrations for real-time insurance data retrieval with configurable transformation pipelines, and led a large-scale ETL infrastructure overhaul using a custom ECS-managed AWS Batch scheduler.
- **Built Daylight Proxy**, an AWS-integrated TCP SNI proxy routing outbound traffic through static Elastic IPs, solving third-party IP-whitelisting requirements while avoiding dedicated infrastructure costs.

Partner / Consultant — **ModWeb**

Oct 2019 – Jun 2021

- Co-built the iVueit platform with one other engineer, owning architecture, backend APIs, infrastructure, and the Flutter mobile frontend.
- Delivered a survey-building engine, gig-economy wallet with PayPal payouts, geolocation and geotagging, live camera capture, and field mobile workflows. The application remains live in app stores today.

Full Stack Software Engineer — **Olive**

Oct 2018 – Nov 2019

- Built a healthcare data mapping engine using a custom Ruby DSL, AWS S3, and Apache Spark to ingest healthcare data, apply mapping rules, derive graph structures, and store relationships in Neo4j.
- Built a remote Windows orchestration agent with cloud-controlled automation, using custom URL protocol handlers to let install and initialization be triggered directly from a web UI.

ADDITIONAL EXPERIENCE

Software Engineering Fellow — **CrossChx (later rebranded Olive)** · 6 months, 2018*

Contractor — **Rapchat** · 6 months*

Freelance Contractor — **Identacourse** · 1 year*

SELECTED TECHNICAL LEADERSHIP & MAJOR SYSTEMS BUILT

Primarch: AI Policy Engine & Platform (Inpactive)

Full-stack platform built and owned solo/co-founder-level: schema-first Go APIs, PostgreSQL, GCP infrastructure, secure military-grade authentication, and a local-LLM policy engine (Ollama + OPA/Rego) exposed via custom MCP servers.

Enterprise White-Labeling Platform (GloveBox)

Terraform-defined multi-tenant edge platform (CloudFront, Lambda@Edge); config-driven client onboarding; ~\$1M revenue impact in 8 months.

SOC 2 Compliance & Zero-Trust Migration (GloveBox)

Led compliance automation, SSO-first access architecture, and org-wide observability and backup tooling from the ground up.

Mirage ETL / Insurance Data Platform (GloveBox)

High-volume XML/PDF ingestion and normalization pipeline exposed via gRPC, supporting real-time insurance data integrations.

TECHNICAL SKILLS

Core Stack: Go · **Terraform / Infrastructure as Code** (primary languages and tooling across every role below)

Languages: Go, Java, Dart, Kotlin, Elixir/Erlang, Lua

AI / ML: Ollama (local LLM), MCP (Model Context Protocol), OPA/Rego policy reasoning, Claude, ChatGPT, GitHub Copilot

Infrastructure: AWS, **Terraform**, GCP, **Infrastructure as Code**, CloudFront, Lambda@Edge, ECS, AWS Batch, EC2, RDS, Transfer Family, AWS Client VPN

APIs & Data: Schema-first / API-first design, gRPC, Buf Connect, PostgreSQL, Neo4j, Apache Spark, ETL pipelines

Security & Compliance: SOC 2, Drata, SSO / Zero-Trust architecture, IAM, secrets management

Frontend / Mobile: Flutter, Svelte

Observability: Grafana, CloudWatch, distributed systems monitoring

GITHUB / OPEN SOURCE

github.com/cosmotek · cosmotek.github.io: Distributed systems experiments, schema-first API tooling, and infrastructure automation projects.

* FitNxtDoor, CrossChx fellowship, Rapchat, and Identacourse dates are approximate; confirm exact months.