

Hayden Clarke

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SUMMARY

Full-Stack Software Engineer · Golang Specialist · Product-Minded Builder

Self-taught engineer with 7 years shipping production systems across fintech, telecom, geospatial, and AI products, in lead, team, and solo roles. Deep in **Go**, **TypeScript/React**, **Postgres**, and cloud-native tooling (GCP, Docker, Kubernetes, CI/CD). Equally at home architecting backend-heavy platforms and shaping product with designers and founders. Open to early-stage founding roles or high-leverage IC positions on product-driven teams.

EXPERIENCE

Senior Software Engineer

Feb 2026 – Present

Croner · London, UK (On-site)

- Senior engineer across **Next.js/TypeScript** front ends and **Go** services, with substantial input into architectural decisions.
- Main contributor to the **AIR** (Aspects in Registers) tool, helping organisations manage environmental aspects and impacts registers for compliance.

Software Engineer

Feb 2025 – Sep 2025

KareHero (contract) · London, UK (Remote)

- Designed and built the AI features and data infrastructure to support KareHero's Series A raise.
- Built **AskJane**, a retrieval-augmented customer support chatbot (Python, LangChain) grounded in company knowledge.
- Stood up a modern data stack: **Fivetran + dbt** pipelines over CRM and product data, investor-facing **Looker Studio** dashboards, and automated call-centre transcript summarisation (Aircall + diarization).
- Shipped **Go** API endpoints following domain-driven design and hexagonal architecture.

Lead Engineer

Mar 2024 – Jan 2025

Verocci Group (Upcomers) · Prague, CZ (Remote)

- Led a team of 3 building a prop-trading platform for funded traders: **Deno, Go, React, Postgres, Supabase**.
- Architected a distributed P&L engine reconciling cross-account positions with equity-drift detection across multi-machine rate-limit windows.
- Integrated **Stripe, Confirio** (crypto payments), and **Veriff** (KYC); owned CI/CD, multi-region PostgreSQL, and background job coordination.
- Refactored legacy subsystems to remove account-state inconsistencies and materially improve uptime; mentored juniors and led PR reviews.
- *Client feedback:* "Hayden not only knows what he is doing but demonstrates a profound understanding and mastery of his craft."

Software Engineer

Jul 2023 – Sep 2023

KareHero (v1 contract) · London, UK (Remote)

- Shipped production features across a Go API and React front end during the early growth phase, supporting the first VC raise; rehired in 2025.

Software Developer

May 2023 – Feb 2024

Cloud Observer (EfficientIP) · Malta (Remote)

- Built features for a multi-cloud spend-visibility platform (AWS, Azure, GCP) in **Vue.js**: real-time asset views, usage metrics, and compliance reporting.
- Refactored large areas of the codebase for maintainability and collaborated on API integration with Python-side fixes to cloud metadata endpoints.

Lead Developer

Mar 2023 – Sep 2023

Nautilus Network · Singapore (Remote)

- Built a telecom billing and reporting portal from scratch (**Go**, **React**, **Docker**): billing dashboards, usage breakdowns, customer lookup, and **Xero** invoice sync.
- Designed schemas and time-based billing logic, resolving call-rounding and data-consistency edge cases; deployed via GitHub Actions.
- *Client feedback*: “Hayden has been an amazing developer... he could quickly solve problems and take the development to the next level.”

Backend Software Engineer (Go)

Jan 2023 – Apr 2023

Loadbalancer.org · Portsmouth, UK (Remote)

- Built **Go** microservices for a greenfield customer portal replacing a legacy PHP system: account access, licensing, and product configuration.
- Designed **gRPC** service contracts, wrote a modular Go testing framework, and created local **Kubernetes** workflows (kind) supporting managed GKE environments.

Lead Developer

Aug 2020 – Dec 2022

Clere Golf · Newbury, UK

- Promoted from mid-level to lead; ran a team of 4 delivering B2B geospatial tools for clients including the **European Tour** and **Ryder Cup** projects.
- Built and maintained the full-stack platform (**React**, **Go**, **PostgreSQL**), rendering high-resolution drone survey data in interactive **Mapbox** visualisations.
- Owned architecture and delivery, reporting directly to the owner; introduced Docker, Linux, and self-hosted deployment practices.

Software Developer

Sep 2019 – May 2020

Habiplace (contract) · Weymouth, UK

- Delivered user-facing features for a smart-home management app (**Angular**, **Node.js**) in a small Agile team: reminders, calendar views, and responsive UI over REST APIs.

Earlier career

2015 – 2019

Team leadership and operations management: XPO Logistics (B&Q contract), American Golf, Grainger Games. Led teams of 3–6, owned client and supplier relationships, and delivered operational reporting to senior stakeholders.

SKILLS

Languages:

Golang TypeScript Python SQL Rust Solidity

Frameworks & Libraries:

React Vue NodeJS Deno LangChain Supabase Tailwind Mapbox PostGIS

Infrastructure & Data:

Docker Kubernetes Terraform GCP GitHub Actions Redis PostgreSQL BigQuery DBT Fivetran

Concepts & Practices:

Domain-Driven Design Hexagonal Architecture Event-Driven Systems Distributed Systems
Concurrency & Race Safety Observability Testing System Design Tech Leadership

Available for remote-first engineering and AI-focused roles across UK/EU time zones.