

CRAIG HOUSTON

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer 01/2023 - 03/2026

Legl

Remote

- Delivered KYB (Know Your Business) features contributing to **7.5x growth in onboarded businesses (20k → 150k)** and **6x revenue growth (£15k → £90k/month)** between July 2023 and March 2026
- Implemented integrations with multiple third-party providers, **championing a Ports & Adapters architecture** to improve maintainability, testability, and scalability
- Enabled expansion into the Australian market** by adapting compliance workflows to local regulations and integrating new providers, driving **~32x revenue growth (£83 → £2.7k/month)** and **~58x increase in monthly workflows (15 → 876)** between December 2025 and March 2026
- Led backend architecture initiatives, defining standards (including **Domain-Driven Design and modular architecture**) to improve scalability and development velocity, contributing to **DORA Elite performance for change lead time (~5 hours)**
- Played a key role in adopting **AI-assisted development**, defining guardrails (rules, commands, and skills) to enforce **TDD, Ports & Adapters, and testing standards**, improving the reliability and consistency of AI-generated code

Senior Software Engineer 09/2020 - 11/2022

Administrate

Remote

- Led a cross-functional squad owning Finance and CRM features
- Championed observability practices**, improving ownership and operational awareness within the team
- Enabled expansion into the European market** through delivery of key product features (e.g. Gift Vouchers, Promo Codes)
- Line managed 3 engineers, providing mentorship through pairing and regular feedback

Software Engineer 03/2019 - 09/2020

Administrate

Edinburgh/Remote

- Contributed to development of Python and Node.js GraphQL APIs and React-based front-end applications

Senior Software Engineer 06/2018 - 03/2019

Natural Power

- Streamlined operational workflows** in a 24/7 control room by migrating features from a complex legacy system to a modern, user-friendly platform
- Line managed 2 engineers

Software Engineer 02/2013 - 05/2018

Natural Power

- Built a data ingestion pipeline that enabled individual analysts to reclaim **~8 hours per week** for higher-value work

Analyst Programmer 03/2010 - 02/2013

Henry Schein Animal Health

- Developed features for a suite of veterinary practice management systems

IT Customer Support Assistant 07/2008 - 03/2010

Henry Schein Animal Health

- First-line customer support for a suite of veterinary practice management systems

EDUCATION

B.Sc. (Hons) Computing 2004 - 2008

University of the West of Scotland



SUMMARY

Product-focused Senior Software Engineer with 15+ years of experience specializing in building scalable systems within regulated industries.

Proven track record of delivering product enhancements that drive market expansion and revenue growth.

Experienced in pioneering AI-assisted development, implementing modular architectures, and optimizing development processes to accelerate delivery and improve system maintainability.

MY PHILOSOPHY

User focus

I prioritise delivering valuable outcomes to real users above all else. This means regularly engaging with users and grounding decisions in real-world usage and feedback.

Close collaboration

I work closely with cross-functional teams and users to build shared understanding and deliver solutions. I find pairing and swarming effective for accelerating alignment and progress.

Short feedback loops

I aim to reduce the time between idea and feedback as much as possible, using techniques such as iterative delivery, feature flags, and experimentation to validate assumptions early and often.

Optimise for ease of change

I believe the best systems are those that are easy to change. I design modular, loosely coupled systems with clear boundaries, enabling teams to evolve systems over time.

Continuous delivery

I value frequent, low-risk releases. I keep systems in a deployable state through small batches, vertical slices, automated testing and deterministic pipelines.

TECHNOLOGIES

Python (Django & Flask) · Postgres · REST ·

GraphQL · Celery · Websockets · Vue ·

React · Node.js · Docker · Heroku · AWS