

DK.

Dom King

SENIOR SOFTWARE ENGINEER

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THE NUMBERS

109 → 9 queries

Removed an N+1 path on a critical Street Group API request.

£1m+ profit

Launched a security platform that replaced outdated software.

£485k a year

Two product initiatives at YourParkingSpace.

98% → <40%

Automation cut support demand on a high-pressure platform.

OpenAPI docs

Documented Street Group APIs so other teams can integrate without guesswork.

EDUCATION

University of Central Lancashire

MRes User Experience Design.

Distinction, 76%

2017–2018 · IoT wearable for festivals using GPS and RFID

University of Central Lancashire

BSc (Hons) Computer Science. First, 82%

2014–2017 · Kinect gesture feedback; one of two students to present at BHCI 2017

In short

Senior software engineer with ten years across PHP/Laravel, TypeScript, Python, mobile and cloud. I design and ship web-driven products, from first sketch to something running in production.

Quick to pick up a new idea, I work closely with other engineers to turn messy constraints into products people actually use, with a keen eye for UX. I own the path from discovery through release, and I care about the measurable result: faster APIs, less support load, revenue you can point at.

Currently at Street Group, building property technology and shipping with agentic programming (Claude, Conductor and internal tooling). Off the clock I ship my own products (AstroTool, KingFit, MoneyPilot and Spatium) and build with Raspberry Pi and IoT hardware.

Where I've shipped

Street Group

2025 – Present

Senior Software Engineer · Manchester

Product and mobile platform engineering. Laravel APIs consumed by Vue 3 and React Native, with Redis on the hot paths.

- Design Laravel APIs with clear contracts, backwards compatibility and reliability across web and mobile clients.
- Cut a critical request from 109 queries to 9 by removing an N+1 path.
- Introduced OpenAPI documentation so other teams can integrate without guesswork.
- Rebuilt legacy flows with PHP, Redis and automation; built account-replication tooling for Customer Success.
- Ship with agentic programming as standard: Claude and Conductor on the delivery path, plus internal agentic tooling we build for the team.

Design Bundles

Nov 2024 – 2025

Full Stack Software Engineer · Leeds

High-volume e-commerce and internal tools. PHP, Symfony, Vue.js, delivered at startup pace.

- Brought legacy PHP up to 8 on a live Symfony and Vue.js catalogue, improving performance and making the platform maintainable again.
- Rebuilt giveaway and coupon flows with proper abstractions so campaigns could be reused, helping grow Plus sign-ups at discounted prices.
- Built a Python microservice that generates gang sheets with a 2D linear bin-packing algorithm, so material layout stopped being a manual bottleneck.
- Covered the service with Pytest, kept it behind a clear API, and wrote down architecture decisions so greenfield work was not tribal knowledge.

YourParkingSpace (contract)

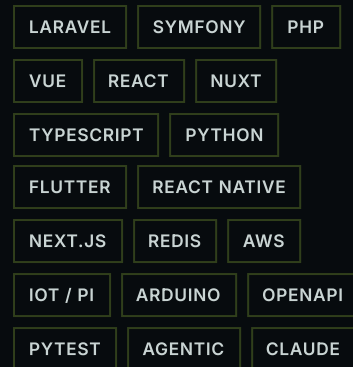
Apr 2024 – Nov 2024

Full Stack Software Engineer · London

Six-month contract on customer-facing web and mobile. Laravel, Vue.js and Flutter.

- Within three months, brought in regular demos so stakeholders could see progress instead of waiting on a report.
- Led two product initiatives that generated nearly £485k annual revenue.
- Moved onto ParkMaven with another senior: Laravel 11 and Vue.js, shipping quickly in a high-impact area.
- Picked up Flutter to contribute on mobile; helped land an £85k-a-year parking agreement.

WHAT I USE



OFF THE CLOCK

Raspberry Pi imaging and observatory control. IoT and field prototypes, including wearable navigation research. Astrophotography is the hobby, not the job.

PAPERS

BHCI 2017. Investigating the feasibility of using gesture recognition for audience feedback in live sporting events.

BCS HCI 2018. [Evaluating the usability of the Leap Motion Controller.](#)

SALFORD ASTRO

Member of Salford Astronomical Society. I run the DwarfLab community around smart-scope imaging, shared observing and helping people get started with the gear.

LIVE

astrotool.io
kingfit.vercel.app
github.com/dom-king/spatium
salfordastro.org.uk

ALSO KNOW



BASED

Salford. Happy in a Manchester office, hybrid or remote.

I CARE ABOUT



Before that

ANS Group

2022 – 2024

Senior Software Engineer · Manchester

Greenfield product, legacy systems and stronger UX practice on cloud and customer platforms.

- Led new and legacy applications on an agile cloud team: Laravel, Nuxt, React and TypeScript.
- Cut support demand from about 98% to below 40% with automation and targeted fixes.
- Mentored engineers, ran reviews and simplified architectures so the next person could actually change the system.
- Integrated VMware and AWS Elasticsearch, and shipped work against real security and deadline pressure.

UKFast

Jul 2021 – 2022

Cyber Security Software Engineer · Manchester

Security products including Threat Vision: performance, reliability and compliance.

- Built and supported a security platform that replaced outdated software and contributed £1m+ profit.
- Worked across AWS, Elasticsearch and VMware-backed systems with cybersecurity constraints in the room.
- Shipped Laravel, Nuxt, React and TypeScript so Threat Vision was a product people could use, not only a backend behind the security stack.

Things I built

AstroTool

NEXT.JS · LIVE DATA · PWA

Beginner-first guide that answers one question: is tonight worth going outside? Live at astrotool.io. No dummy sky if location is denied.

KingFit

NEXT.JS · MEDIAPIPE · VOICE

Home-training companion that picks today's workout from equipment, history and readiness, then coaches the session by voice.

MoneyPilot

NEXT.JS · LOCAL-FIRST · PRIVACY

Private UK finance companion for cash, goals, tax and investing. Recommendations you can inspect. Evolving as SaveKing.

Spatium

NEXT.JS · LINEAR · GITHUB

Throughput diary that turns Linear, GitHub and interruptions into a focused plan, useful stand-ups and evidence of impact.

How I actually work

- Look at the slow or expensive path first, then change that: query counts, packing time, support load.
- Leave a contract and tests so the next person is not guessing. OpenAPI, Pytest, written architecture decisions.
- Put working software in front of people early. At YourParkingSpace that meant regular demos within three months, not a status report.

I highly recommend Dom King as a full stack engineer and UX enthusiast. Dom consistently demonstrates exceptional dedication and a strong work ethic in all his endeavors. His passion for both the technical and design aspects of his work is truly inspiring.

Dom's attention to detail and problem-solving skills make him a valuable asset to any team. He consistently goes above and beyond to deliver high-quality solutions and is always willing to put in the extra effort to ensure client satisfaction.

Paul Wilshaw