

# ELIAS BENNETT

Software Engineer London

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I build pricing and risk engines at BNP Paribas, and products of my own.

## EXPERIENCE

**Software engineer**, BNP Paribas Jul 2025 - now

- Went from no C# to shipping production code independently in six months, and now own implementation and delivery as the team's only C# engineer.
- Ported Java market-data loaders to C#, and took a stale data dependency out of live pricing behind a feature flag that defaults to off, with caching and an end-to-end test.
- Built an AI workflow that gives each stage its own scoped agent. It took a pricer integration from about two weeks to a couple of days, and several teams across the department now use it.
- Led a team of four to win the Early Careers digitisation competition, co-building a dashboard that cut a 30-40 minute data load to under 5.

[eliasb.dev/work/bnp-paribas](https://eliasb.dev/work/bnp-paribas)

**Full stack software engineer**, Joveen Aug 2024 - Jun 2025

- Cut page load by 40% by refactoring React components and lazy-loading assets.
- Moved PHP modules to Spring Boot module by module, with endpoints, validation and tests.
- Fixed mobile layout and browser bugs found by a cross-browser testing pipeline; mobile retention rose by 30%.
- Added indexes and rewrote slow queries, taking the key API's p95 from 520 ms to 230 ms.

[eliasb.dev/work/joveen](https://eliasb.dev/work/joveen)

**Marketing executive**, Optegra Eye Healthcare & Kensington Medical Sep 2021 - Aug 2024

- Scoped performance fixes with the engineers and ticketed them, taking the Core Web Vitals pass rate from 62% to 88% and cutting p95 page load by 30%.
- Ran split tests and built analytics dashboards that showed which changes brought in consultations and guided what the engineers built next; consultation conversion rose by 15%.

[eliasb.dev/work/optegra](https://eliasb.dev/work/optegra)

## SELECTED PROJECTS

**Threshold** A clearer view of what moving could cost.

Product · Data visualisation · 2026 [eliasb.dev/things-i-make/threshold](https://eliasb.dev/things-i-make/threshold)

**Argus Risk** Every number shows where it came from and how old it is.

Event-driven systems · 2026 [eliasb.dev/things-i-make/argus-risk](https://eliasb.dev/things-i-make/argus-risk)

**Flowtime** Breaks that match how long you actually focused.

Offline-first interaction · 2026 [eliasb.dev/things-i-make/flowtime](https://eliasb.dev/things-i-make/flowtime)

## AWARDS

**Winner** Digitisation · 2025    **Take Ownership** Q1 2026    **AI Champion** 2026

## SKILLS

### Languages

C#, Java, TypeScript, Python, SQL

### Data and messaging

PostgreSQL, MySQL, Kafka

### Frameworks

.NET, Spring Boot, React, Next.js

### Practice

Docker, feature flags, CPU and GPU testing

## EDUCATION

**University of Derby**, Computing and Information Technologies BSc (Hons) Expected Jun 2027

**University of Essex**, Diploma of Higher Education, History Jul 2021