



Ian Fleming

Javascript Engineer | Integration Specialist

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Profile:

JavaScript engineer specialising in complex systems and scalable web solutions, currently working at Bears with Benefits (Shopify ecosystem). Experienced in coordinating incompatible platforms, optimising performance across international deployments, and translating business requirements into technical delivery. Strong problem-solving ability under pressure. Adept at collaborating with cross-functional teams (UX, product, design).

Skills:

Core: JavaScript (ES6+), Node.js/Express, Shopify ecosystem (Liquid, APIs, app extensions), REST/GraphQL APIs, DOM manipulation, event-driven architecture, checkout optimisation.

Frontend: HTML5, CSS3, React (Context API, hooks, checkout extensions), responsive design.

Data & Integrations: API integrations, event-driven architecture, multi-market deployments, analytics infrastructure (GA4, Microsoft Ads, custom tracking scripts)

Collaboration: Agile/Scrum, sprint planning, cross-functional communication, wireframe-to-code implementation from Figma, close collaboration with UX/design/product teams

Languages: English (fluent), German (B1)

Professional Work Experience :

- Fullstack Shopify Developer -- Bears with Benefits (Feb. 2024 - present)
- **Developed a production-grade coordination system** enabling complex business logic combinations across different third-party platforms using event-driven architecture, mathematical precision, and proportional allocation algorithms. Deployed across 8 international markets.
- **Implemented checkout extensions** including payment/delivery customisations (A/B tested) and validation logic to prevent bot fraud.
- **Implemented custom analytics pixels**, coordinating GA4, Microsoft Ads, and third-party tracking scripts across international markets, ensuring accurate event attribution.
- **Implemented site redesign from Figma to code** in collaboration with UX/design agency, delivering responsive, performant components.
- **Deployed geolocation-aware redirect system** (Vercel) enabling single QR code across EU packaging, routing users to region-specific storefronts with fallback logic.

- Grünecker Patent- und Rechtsanwälte, Munich | Formalprozessabteilung Sachbearbeiter (2017 - Jan. 2024)

- The Keg Bar, Munich | Bar Manager (2015 - 2017)

- The Book Centre, Waterford, Ireland | Book department worker, duty/weekend manager (2008 – 2014)

Education:

- Career Foundry -- Fullstack Web Development Certificate (2021)
- University of Limerick, Masters (MA) in Music Technology (1.1) (2013)
- Published: "I Have No Mouth (pts. 1 to 6) - Introducing Postdigital Spectralism" Leonardo Music Journal, Vol. 24 (peer-reviewed) (2014)
- University College Cork, Bachelor's (BA) in English and Sociology (2.1) (2003)

Technical Projects:

Business Logic Coordination Engine (Professional) - Built unified coordination layer detecting and calculating 7+ combinable discount types (including dynamic free gift allocation and 3-for-2/4-for-3 multiples) across incompatible platforms. Implemented proportional allocation algorithms with mathematical precision, state signature tracking for performance optimisation, and platform-aware mode detection. Deployed across 8 international storefronts. Eliminated large category of support tickets through consistent, truthful pricing. Stack: JavaScript (ES6+), DOM APIs, event-driven architecture, mathematical algorithms ([link to case study](#))

Geo-Redirect QR Code System (Professional) - Single QR code for all EU packaging; users scan and get routed to their country's store automatically. Backend detects geolocation (passed via header), routes to appropriate regional store (DE, ES, IT, UK, CH, FR, NL) with Germany as fallback. Key achievement: Unified international distribution packaging while maintaining region-specific storefront routing—solved via simple geolocation logic and Vercel deployment

aesthetic music player | React, GraphQL, Material UI (Personal)

App: <https://aesthetic-music-player.vercel.app/> | Code: <https://github.com/ianfleming464/aesthetic-music-player>

Full-stack music streaming application with playlist management, YouTube/SoundCloud integration, and advanced React patterns including Context API and custom hooks.

Professional References available upon request