

Brendan Ingham

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Personal Profile

With over a decade of experience as a Senior Software Engineer, I approach front-end and back-end development with a core purpose: to leverage technology to make life better. My expertise lies in scalable architecture, technical leadership, and improving developer experience, all aimed at building solutions that are not only robust but also enhance the lives of those who use them and the teams who build them. I am passionate about fostering team growth, ensuring accessibility, and delivering high-quality, user-centric products across diverse sectors, including EU-funded projects, product development, and design systems.

Key skills

Technical Skills

- **Languages:** Proficient in TypeScript, JavaScript, LUA, and YAML for CI/CD pipeline definition (Github Actions, Gitlab Actions).
- **Front End:** Extensive experience with modern frameworks including React, Next.js, Angular, Vue, and Astro, alongside styling with Tailwind.
- **Programming Practices:** Applied expertise in TDD, Agile methodologies (Kanban, Scrum), Observability/SLAs, and robust CI/CD implementation.
- **Architecture:** Designed and implemented Monolithic, Serverless, and Event-Driven architectures, with a strong understanding of

Soft Skills

- **Team Leadership:** Guided and supported development teams.
- **Mentorship & Development:** Provided mentorship, facilitated onboarding, conducted thorough code reviews, and engaged in pairing and mob programming to foster team growth.
- **Communication:** Adept at clearly conveying complex technical concepts to both technical and non-technical stakeholders.
- **Line Management:** Managed small teams, contributing to their professional development and performance.
- **Collaboration:** Demonstrated strong

Domain-Driven Design (DDD).

- **Back-end:** Developed robust serverless APIs (AWS Lambda) and standalone applications using Node.js (e.g., Express, NestJS), Deno (e.g., Hono), and Bun.
- **Cloud Providers:** Utilized AWS, Cloudflare, and Google Cloud Platform for deployment and infrastructure management.
- **IaC:** Implemented Infrastructure as Code using AWS CDK, Docker/Podman, Serverless Framework, and SST.
- **Testing:** Comprehensive experience with Jest and Vitest for unit and integration testing and Cypress and Playwright for e2e testing.

cross-functional collaboration with design (UX/UI Designers in Figma), product, and engineering disciplines to achieve project goals.

Career History

Evolution Software

April 2024 - Present

Senior Software Engineer

- Migrate the Casino's framework from Gatsby to React Router (v7) within a monorepo to improve core web vitals as well as developer experience.
- Enhance AWS Lambda performance, resulting in an 8x reliability increase.
- Optimise CI/CD workflows, reducing deployment time from 5 minutes to seconds.

Tech stack:

React Router, Gatsby, Typescript, React, Tailwind, SCSS, CSS modules, AWS Lambda, GitHub Actions, AWS, CI/CD, SST, CDK, API Gateway, Storyblok CMS

cinch

October 2022 - April 2024

Senior Software Engineer

- Led the migration from a Gatsby monolith to an Nx-powered monorepo with Next.js, improving scalability and developer independence.
- Served as second-in-command to the Lead Developer, mentoring team members and enhancing developer experience.
- Built an SEO-driven front-end, which reduced costs in paid clicks by millions.
- Led "Chaos Days" to enhance observability and test service resilience.

Tech stack:

Next.js, Nx, CSS Modules, PostCSS, AWS Lambda, GitHub Actions, AWS, CI/CD, Docker, Bun, Deno

Collidr

June 2021 - October 2022

Senior Front-end Developer

- Migrated front-end development to Nx, improving build efficiency and scalability.
- Implemented a Design System using Storybook, SCSS, and CSS Variables for consistency.
- Collaborated closely with UX designers and developers to enhance user experience.

Tech stack:

Angular, React, Storybook, Azure, C#, Nx, WSL

Digitalbridge

December 2018 - June 2021

Senior Software Engineer

- Implemented Angular best practices and set up CI pipelines to ensure a consistent and maintainable codebase.
- Contributed to the Aspect project, a guided design platform integrating AI to enhance the user experience for major brands.
- Worked with cross-functional teams to align design and development goals.

Tech stack:

Angular, ThreeJS, ECS (Entity Component Systems), AWS (S3, Lambda), Gitlab CI.

Sparta Digital

2014 - December 2018

Dev-Ops Team Leader

- Advanced from Apprentice to Team Leader, contributing to EU-funded projects like CityVerve (AR game for Chinese New Year) and Frontier Cities (smart mobility with iBeacons).
- Developed smart parking and other AR-focused projects using Angular, NativeScript, and Cordova.

Tech stack:

PHP, Wordpress, Laravel, jQuery, Cordova, Nativescript, Wikitude, Firebase, Nx, Kendo UI, Google Cloud Platform, Python, Objective-C, Java, Docker, Angular, MongoDB

Hobbies & interests

My passion for technology extends to my personal life, where I actively contribute to open-source projects (Nativescript, Open-Next, ublue-OS) and experiment with the latest tech trends, particularly within the Linux ecosystem. This drive for exploration and contribution aligns with my professional commitment to improving developer experiences and building innovative solutions. Relaxing with video games, cherishing moments with my family, and engaging in Gardening and DIY projects provide a welcome balance.

References

Available upon request.