

# ADAM BURMISTER

*I help businesses (big and small) build **surprisingly great** user experiences.*

Senior Software Engineer · Web Product Lead

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Melbourne, Australia | +61 (0) 494 653 981 | adam@burmister.com | burmister.com

Australian permanent resident / NZ citizen — full Australian work rights.

## PROFILE

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Senior software engineer with 17+ years building large-scale web products at Stripe, Pinterest, Xero and BBC Worldwide. Comfortable across the full stack — including TypeScript/React on the front end, and Node.js, Ruby, Python, PHP and C#/.NET on the back end — with strong product instincts and a track record of shipping fast, intuitive interfaces that scale to millions of users. Co-founder of a venture-backed startup (ServisHero), Senior Frontend Engineer and Solutions Architect at Stripe, lead developer on *bbc.com*, and co-author of *IronRuby in Action* (Manning) — most of my career I have lived at the intersection of engineering, product and customer experience.

## CORE SKILLS

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**Languages:** TypeScript, JavaScript, ES6, Ruby, Python, PHP, C#/.NET, HTML5, CSS3, SQL

**Frontend:** React, Redux, Next.js, Angular, Astro, Node.js, Tailwind CSS, Radix UI, Shadcn, Saas, CSS Modules, Knockout, Ionic, design systems, accessibility (WCAG), Vite, Bun, Tanstack

**Backend & APIs:** Node.js, Ruby on Rails, Zend (PHP), REST, GraphQL, webhooks, event-driven systems, GraphQL

**Data & Infrastructure:** PostgreSQL, MySQL, SQLite, CouchDB, Redis, Apache, CDN/edge caching, CI/CD pipelines, build tooling

**Cloud & DevOps:** Cloudflare, AWS, GCP, Docker, Git, GitHub Actions, observability and performance tooling

**Engineering Practice:** System design, performance optimisation, A/B testing and experimentation, automated testing (Jest, Vitest, Playwright, Storybook), RFC authoring, on-call

**Leadership & Product:** Co-founder experience (ServisHero — institutional venture funding), customer-facing solutions architecture (Stripe), tech lead on *bbc.com* homepage rebuild, mentoring junior engineers, cross-functional partnership with Product / Design / Sales / Support, end-to-end product ownership, customer discovery, HCI-trained UX instincts

**Domains:** Payments and billing (Stripe), advertising (Pinterest), fintech and accounting (Xero), media (BBC), marketplaces (ServisHero), trading data (Databento)

**AI / Modern Tooling:** LLM application development, prompt engineering, agentic coding workflows (Claude, Copilot), AI-assisted product development

## EXPERIENCE

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### Career Break / April 2024 – Present

Family commitments · Melbourne, Australia

- Supporting my young family while continuing hands-on implementation of cloud infrastructure (Cloudflare focus), modern web platforms and frameworks (Astro, Next, TanStack Start, Hono), and practical application of AI/LLM to web development tools.
- Active personal projects exploring agentic coding workflows, edge runtimes, and product prototyping with LLMs. Building personal finance software with AI reconciliation features on Cloudflare's stack.

### Databento / Feb 2023 – April 2024

Senior Software Engineer · Wall Street market-data provider · Remote

- Designed and built the company's first React/Radix/Tailwind component library, adopted across product and marketing surfaces and now the foundation for all new front-end work.
- Owned the technical direction for the front-end stack — drove the decision and migration from Next.js to Astro for the marketing site, materially improving Core Web Vitals and lowering ongoing maintenance cost for non-engineers.
- Partnered directly with founders and product on roadmap, feature scope and customer feedback; acted as the senior front-end voice in technical and product decisions.

React, TypeScript, Astro, Radix UI, Tailwind, Node.js, design systems, technical direction

### Stripe / Oct 2017 – Feb 2023

Software Engineer · Billing Solutions Architect · Recurring-revenue product · Remote (US / APAC)

- Shipped major user-facing surfaces in Stripe Billing, Stripe's recurring-revenue product, working across React/TypeScript front ends and Ruby back-end services.
- Contributed APAC, South-East Asian and LATAM payment methods to Stripe Elements — Stripe's public React SDK used by hundreds of thousands of developers.
- Stepped into a Solutions Architect role for ~12 months — a deliberately product- and customer-facing rotation. Partnered with Sales, Product and prospective customers to scope and prototype Billing implementations for startups and SMBs, unblock complex integrations, and feed real-world product gaps back to the Billing engineering org.
- Mentored junior and mid-level engineers; authored design docs and contributed to platform-wide testing, CI and architecture decisions.

React, TypeScript, Ruby, Node.js, CI/CD, end-to-end testing, system design, high scale, customer-facing

### Pinterest / Nov 2015 – Sept 2017

Software Engineer · Advertiser Growth · San Francisco / Remote

- Delivered advertiser-acquisition product features on a freshly migrated React/Redux platform serving advertisers globally.
- Worked across the product stack — React/Redux UI, Node.js services and Python data pipelines for growth experimentation.
- Partnered closely with the Growth PM and Data Science team on hypothesis design, A/B test setup and post-experiment readouts — direct exposure to the PM craft.

React, Redux, Node.js, Python, big-data pipelines, growth, A/B testing, PM partnership

### ServisHero / 2015 – 2017

**Co-founder · Head of UX & Engineering** · *Venture-backed home-services marketplace · South-East Asia*

- Co-founded a mobile-first home-services marketplace operating across Malaysia, Singapore and Thailand; raised institutional venture funding from regional investors.
- Owned product, UX and front-end engineering end-to-end — set the product roadmap, ran customer interviews, hired and managed designers and engineers, and shipped the consumer apps and service-provider platform.
- First-hand experience of the founder/PM/EM job at small scale: prioritisation, hiring, performance, customer development and shipping under hard constraints.

*React, Ionic, Node.js, mobile-first, startup, marketplace, product leadership, hiring, roadmap*

### **Xero / Nov 2013 – Oct 2015**

**Senior Frontend Engineer · US Payroll (post-IPO)** · *San Francisco*

- Built front-end for US payroll-management surfaces during Xero's US expansion, integrating with C#/.NET back-end services.
- Owned client-side architecture, build tooling and front-end performance for a regulated, high-stakes product.

*JavaScript, C#/.NET, KnockoutJS, build systems, payroll*

### **Mojolly / 2010 – 2013**

**Startup Founder · CEO, Frontend Engineering** · *London*

- As a founder of a real-time social media filtering platform I dealt with fund raising from Telefonica, leading a team of 6, designing and implementing frontend architectures for real-time web communications, and contributing to the Erlang backend.

*Founder, Leadership, Fundraising, Real-time, Telecoms, WebSockets*

### **BBC Worldwide / 2008 – 2010**

**Software Engineer · Lead Developer, bbc.com** · *London*

- Acted as technical lead for the bbc.co.uk and bbc.com homepage rebuild — re-architected the system onto a new PHP/Zend/CouchDB stack and scaled it to roughly 7 million users per day.
- Coordinated across editorial, design and infrastructure teams; full-stack ownership of back-end services, front-end, Apache configuration and infrastructure tuning.

*PHP, Zend, CouchDB, JavaScript, Apache, public sector, high scale, tech lead*

### **Xero / 2007 – 2008**

**Frontend Engineer · Founding-era (pre-IPO)** · *Wellington, New Zealand*

- Joined before the company had a permanent office; helped deliver core accounting features such as Invoicing during Xero's pre-IPO hyper-growth phase.
- Owned marketing-site engineering and front-end build systems.

*JavaScript, C#/.NET, build systems, accounting*

## **PUBLISHED WORK**

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**IronRuby in Action** · Manning Publishing · **Co-author**

Co-wrote the book on IronRuby, the .NET implementation of the Ruby language.

*Technical writing, Ruby, education*

## EDUCATION

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**University of Waikato / Graduated 2007**

**Bachelor of Computing & Mathematical Science (BCMS)** · *Hamilton, New Zealand*

Second-Class Honours, Division 1 (2:1). Specialisation: Human-Computer Interaction (HCI).