

Iain Black

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[github](#) | [linkedin](#) | [portfolio](#)

EDUCATION

Bachelor of Computer Science, Minor in Business

Whitworth University

2016 - 2020

Spokane, WA

SKILLS

Programming Languages TypeScript | JavaScript | C# | SQL | HTML/CSS | Python

Technologies React/Next.js | Tailwind CSS | MUI | .NET 8 | Azure | Auth0 | Docker | Stripe | Sanity

EXPERIENCE

Accruent

May 2023 - Present

Software Engineer II

Austin, TX (Remote)

- One of two developers leading the efforts for a central authentication platform, leveraging Duende Identity Server to support thousands of users across more than 12 applications.
- Managing and contributing to a large, multi-project codebase with six .NET projects, responsible for designing and deploying production-level features. Developed REST APIs and a responsive React-based UI to deliver a seamless and scalable user experience.
- Upholding application security standards by conducting regular scans, implementing fixes, and promoting best practices across the team to ensure a secure codebase.

GrowthZone (formerly Juno)

Sep 2022 - March 2023

Senior Software Engineer

Post Falls, ID (Remote)

- Owned foundational development efforts for the social/community aspect of an online learning and community platform. Implemented pagination and virtualization patterns to handle high user traffic.
- Identified and resolved longstanding bugs under high duress and heavy time constraints. Effectively collaborated with other departments to ensure quality and success.

Verint

June 2020 - September 2022

Software Engineer

Spokane, WA

- Led all development efforts for a delivery team supporting multiple clients with conversational AI software. Frequently met with stakeholders to develop technical requirements of requested features, develop a plan of action, and deliver full-stack solutions before hard deadlines.
- Led all development efforts for a shared React component library. Refactored existing components to leverage Material-UI's configurable theme capabilities. Developed new components designed to be generic and re-usable across all clients.

NOTABLE PROJECTS

CPQ Platform

Dec 2023 - Present

Product Developer / Architect

Seattle, WA

- Built a B2B platform to centralize and streamline complex machinery transactions, featuring automated bulk data entry, multi-tenant user management, and a custom CMS with data customization tools for tailored CPQ workflows. Integrated Stripe to support a subscription model.
- Established a secure, scalable infrastructure with Auth0 for user authentication and Azure for cloud hosting. Future versions will incorporate machine learning for trend analysis, inventory forecasting, and enhanced decision-making.
- Collaborated with industry partners to define project requirements and functionality. Preparing to pitch the platform as a comprehensive information pipeline, enabling data insights across customer, sales, and production stages.

healingwithmiracles.com

Apr 2024 - Aug 2024

Full Stack Developer

Seattle, WA

- Developed a custom blog platform, designed to share stories and knowledge with a global audience. Built the front end with Next.js 14 for optimized performance and SEO, ensuring fast load times and a seamless experience across devices.
- Integrated Sanity as a headless CMS to provide customer with full control over content creation and multimedia management, while Firebase Firestore enables real-time data storage and dynamic content delivery.
- Enhanced user engagement by implementing an email subscription service with SendGrid, allowing readers to subscribe and receive updates directly. Designed a responsive, user-friendly interface with Tailwind CSS to improve readability and user experience.