AJ BARNETT

STAFF / LEAD SOFTWARE ENGINEER | FRONTEND PLATFORM & FULL-STACK

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PROFILE

Staff-level software engineer and technical lead with 15+ years of experience building frontend platforms, full-stack applications, and enterprise design systems. Hands-on across React, TypeScript, Node.js, REST APIs, PostgreSQL, authentication, CI/CD, accessibility, and legacy modernization. Known for practical architecture, mentoring engineers, and aligning technical decisions with product outcomes.

Core strengths: React, TypeScript, frontend architecture, Node.js, REST APIs, PostgreSQL, C#/ASP.NET, authentication, enterprise design systems, accessibility, testing, CI/CD, performance, technical leadership, and legacy modernization

EXPERIENCE

CDW CORPORATION

Senior Software Engineer I | Technical Lead | 2022-2026

- Led architecture, reusable component development, accessibility, developer experience, governance, and adoption for the Legato enterprise design system.
- Helped increase adoption from 38% to 92% across targeted Digital Customer experiences and enabled 19 of 27 major initiatives to ship on Legato.
- Co-led more than 170 UI assets across React, TypeScript, Stencil Web Components, and HTML/JavaScript; reduced implementation effort through shared patterns and Storybook documentation.
- Led and mentored five engineers through architecture guidance, code reviews, interviews, and technical coaching.
- Modernized legacy .NET microsites by incrementally adding React without disrupting production users.

EQUITY TRUST COMPANY (MIDLAND TRUST)

Software Engineer | 2020-2022

- Built full-stack financial applications with React, TypeScript, Node.js, PostgreSQL, REST APIs, Redux, and Sequelize.
- Developed client, advisor, and payment portals with Microsoft Entra ID authentication and custom role-based authorization.
- Built web, iOS, and Android experiences with React and Ionic and supported deployments, release pipelines, and production issues.

PRIORITY MARKETING

Full-Stack Software Engineer | 2016-2020

- Designed and developed production websites, custom applications, CMS platforms, and integrations for clients across several industries.
- Integrated third-party APIs, CRM systems, payment gateways, analytics, and marketing automation while managing hosting, DNS, deployment, security, and performance.

MOORE & SCARRY ADVERTISING (LATER CALDWELL & KERR / AFFINITIV)

Junior Graphic Designer -> Senior Frontend Web Developer | 2015-2016

- Progressed through four roles in 15 months and owned frontend delivery for high-volume automotive campaigns and responsive websites.

INDEPENDENT / FREELANCE

Freelance Software Engineer | 2010-2015

- Delivered websites, CMS platforms, eCommerce solutions, and business applications using PHP, WordPress, Joomla, Drupal, ASP.NET MVC, C#, JavaScript, and SQL Server.

CAPABILITIES

Front end: React, TypeScript, JavaScript, HTML5, CSS3, SCSS, Tailwind CSS, Stencil, Web Components, Redux, TanStack Start, Ionic, Storybook, Nx, Vite

Back end and platform: Node.js, Bun, PHP, C#, ASP.NET MVC, REST APIs, PostgreSQL, SQL Server, Sequelize, Microsoft Entra ID, authentication and role-based access

Delivery: Git, Azure DevOps, CI/CD, deployments, production support, testing, performance, SEO

Design and quality: enterprise design systems, design tokens, Figma collaboration, WCAG 2.1 AA, Section 508, responsive design

LICENSES & PROFESSIONAL DEVELOPMENT

FAA Private Pilot Certificate · FAA Instrument Rating - Airplane · Microsoft Azure professional coursework