

Christopher A. Briant

Senior Software Engineer | Software Architect

Senior-level engineer and product architect with 16+ years of experience building and modernizing production software. Founded BitLogic Solutions and created two cloud-based SaaS platforms from the ground up, owning architecture, web and mobile engineering, AWS operations, product strategy, customer delivery, and long-term modernization.

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PLATFORM-BUILDING EXPERTISE

PRODUCT & ARCHITECTURE

- Took two platforms from operating problem and product concept to production SaaS systems.
- Defined domain models, REST APIs, relational data structures, security, workflows, and technical roadmaps.

CLOUD & PRODUCTION OPERATIONS

- Designed and operated AWS environments using Elastic Beanstalk, EC2, RDS, Lambda, ElastiCache, Route 53, and CloudWatch.
- Owned deployment, monitoring, troubleshooting, support, and ongoing platform reliability.

FULL-STACK & MOBILE ENGINEERING

- Built C#/.NET backends and Angular applications supporting web, iOS, and Android through Ionic.
- Designed responsive experiences for managers, employees, and multi-location operators.

MODERNIZATION & QUALITY

- Modernized Week at Work and Loyal Guests from .NET Framework to .NET 8.
- Applied automated testing, refactoring, integration testing, and AI-assisted engineering while retaining ownership of quality and security.

SELECTED PLATFORMS

WEEK AT WORK

Workforce Management Platform

- Created a platform for employee scheduling, shift operations, availability, time off, messaging, qualifications, break planning, and mobile access.
- Architected the application, APIs, database, cloud infrastructure, and ongoing product evolution from first release through modernization.

LOYAL GUESTS

Guest Concern Platform

- Created a platform for concern tracking, digital guest recovery, SMS/email coupon delivery, redemption workflows, analytics, and multi-location management.
- Built web and mobile experiences for managers and designed the supporting APIs, relational data model, AWS services, and production operations.

TECHNICAL FOUNDATION

Architecture: Domain-Driven Design, REST API design, dependency injection / IoC, cloud-native SaaS, relational data modeling, CQRS

Engineering: C#, .NET 8, ASP.NET MVC, Angular, Ionic, TypeScript, JavaScript, SQL

Cloud & Data: AWS, SQL Server, MySQL

Delivery: Git, Agile, unit and integration testing, CI/CD, AI-assisted engineering

PROFESSIONAL EXPERIENCE

Founder | Principal Software Engineer

BitLogic Solutions, Inc.

Jan 2016 - Present | Lakeville, MN

- Founded the company as a consultancy and evolved it into a product organization focused on restaurant and retail operations.
- Architected, developed, deployed, and supported Week at Work and Loyal Guests across web, mobile, APIs, databases, and AWS infrastructure.
- Translate customer and frontline needs into product direction, technical roadmaps, user experiences, delivery estimates, and production releases.
- Own technical strategy and hands-on implementation while balancing maintainability, security, reliability, and business priorities.

EARLIER EXPERIENCE

Senior Software Engineer

Thomson Reuters

Nov 2014 - Jun 2018 | Eagan, MN

- Promoted to the Mobile Technology Advanced Product Innovation Group and contributed to the WestlawNext iOS application.
- Expanded integration-test coverage for API endpoints and refactored iPad networking to improve maintainability and reliability.
- Redesigned law-school course workflows, simplifying a multi-step creation process into a streamlined one-step modal experience.

Software Engineer

Thomson Reuters

May 2012 - Nov 2014 | Eagan, MN

- Modernized major Law School features from legacy ASP to ASP.NET MVC, integrating controllers, layouts, security, and responsive styles with the existing platform.
- Designed a mobile-friendly registration experience used annually by approximately 50,000 law school students and faculty.
- Built a multi-tenant quizzing integration using JSON APIs, touch-optimized results reporting, and an iOS app for summer-associate project tracking.

Software Engineer Intern

Thomson Reuters

May 2010 - May 2012 | Eagan, MN

- Developed a mobile web companion for the Law School platform using ASP.NET MVC while working full time during summers and part time during academic terms.
- Led evaluation and integration of a third-party calendaring solution that replaced a legacy ASP feature.

Manager | Restaurant Operations & Technology Implementation

Culver's Restaurants

Jun 2004 - Present | Minnesota

- Manage restaurant operations and serve as a technology subject-matter expert during migrations to PAR Brink and CrunchTime across multiple locations.
- Apply firsthand operational knowledge to the product strategy, workflow design, and usability of Week at Work and Loyal Guests.

EDUCATION

M.S., Software Engineering

University of St. Thomas | GPA 3.90 | 2014

B.A., Computer Science | B.S., Electrical Engineering

University of St. Thomas | GPA 3.73 | 2012