

FOUNDER & SOFTWARE ENGINEER

Brandon Temple

Founder and software engineer building production web, data, and product systems with JavaScript/Three.js, Firebase, C#/.NET, Python/SQL, Swift, and local AI. Own and lead Breauti LLC, delivering software from requirements and architecture through testing, launch, and iteration.

Starkville, MS me@brandontemple.com brandontemple.com github.com/bt1142msstate

PROFESSIONAL EXPERIENCE

Founder & Software Engineer

Breauti LLC | Mississippi / Remote | Jul 2026 - Present

- Founded and own a Mississippi-registered startup; lead product strategy, software architecture, engineering, verification, and launch across Breauti Fashion and Breauti Studio.
- Built breauti.com, a responsive fashion platform for a customizable luxury sneaker concept, including a real-time Three.js style customizer, transparent product-development plan, accessibility/privacy controls, and transaction launch gates.
- Built and operate Breauti Studio, a founder-led digital product studio for custom websites, web/mobile apps, and practical operational systems; engineered its Firebase-backed intake and delivery platform with Google sign-in, client workspaces, agreements, messaging, Drive access, revision tracking, and transactional email workflows.
- Created a reusable Blender-to-WebGL asset pipeline with scene provenance, responsive render automation, GLB validation, and a controlled macOS/Windows RTX render workflow.

Technology & Support Services Coordinator

MSU Libraries, Mississippi State University | Starkville, MS | Aug 2024 - Present

- Build and maintain internal software for MSU Libraries and Mississippi Library Partnership operations serving 12 library systems and 76 branches/campus libraries.
- Automate reporting, file processing, metadata extraction, data cleanup, and Excel-ready staff workflows using C#, .NET, Python, Perl, SQL, JavaScript, HTML/CSS, and shell scripts.
- Developed Query, a browser-based reporting system with API-backed metadata, configurable filters/forms, authenticated sessions, protected history, JSONL result handling, and Excel export.
- Created MetaTable, a C# WPF metadata scanner for large directory trees with real-time progress tracking and structured Excel exports.
- Translate staff and member-library requests into SirsiDynix API/SQL integrations, documented support workflows, and Excel reports while communicating technical tradeoffs clearly to nontechnical users.
- Use AI-assisted development while applying C# and C++ systems fundamentals, data structures, debugging, tests, and code review to validate generated code for correctness, performance, and maintainability.

Contract Software Engineer / Web Developer

Afternoon Adventure Learning Center | Newton, MS | 2026

- Delivered a paid production platform for a 501(c)(3) afterschool and tutoring center, combining a public custom-domain site with family accounts, staff administration, attendance, enrollment, and QR-based time-clock/payroll workflows.
- Implemented Firebase Auth, Firestore, Storage, Gen 2 Functions, App Check, Security Rules, role-based permissions, family forms, generated PDF reports, privacy controls, and automated email workflows.
- Worked directly with stakeholders and built release gates, automated browser/rules tests, crawlable public resources, and deployment checks to keep the platform maintainable and discoverable.

PROJECTS

Query

Browser-Based Report Builder | JavaScript, HTML, CSS, ExcelJS

Browser reporting system with API-backed metadata, configurable filters/forms, authenticated sessions, protected history, JSONL streaming, virtualized tables, CLI workflows, and Excel export.

bt1142msstate.github.io/Query/

MetaTable

WPF File Metadata Scanner | C#, .NET 9, EPPlus

C# WPF scanner for large directory trees; extracts file metadata, tracks progress, and exports structured Excel reports for MSU Libraries.
github.com/bt1142msstate/MetaTable

Afternoon Adventure Website

Firebase-Backed Nonprofit Web Platform | HTML, CSS, JavaScript

Paid production platform with Firebase Auth, Firestore/Storage, Functions, Security Rules/App Check, family forms, staff administration, attendance, enrollment/PDF reporting, QR time clock, payroll exports, privacy controls, and release gates.
afternoonadventure.org/

TECHNICAL SKILLS

Languages & UI C#, Python, Perl, SQL, JavaScript, TypeScript, HTML/CSS, Three.js/WebGL, XAML, C++, Swift

Desktop & Native Apps .NET 8/9, WPF, WinUI 3, WebView2, SwiftUI, AppKit, ScreenCaptureKit, AVFoundation, WidgetKit, App Intents, BLE/IoT

Data & APIs SQL Server, PostgreSQL, EF Core, REST APIs, JSONL/NDJSON, SirsiDynix APIs, CGI, JSON, MARC, Record Linkage

Cloud & Firebase Firebase Auth, Firestore, Firebase Storage, Cloud Functions, Firebase Security Rules, App Check, AWS Cloud Foundations, GitHub Pages

Libraries & Local AI EPPlus, ExcelJS, PDF.js, PDF-LIB, Nodemailer, FFmpeg, MLX, Whisper, llama.cpp

Tools & Delivery Git, GitHub Actions, Blender/GLB pipelines, Visual Studio, Xcode, Postman, MSTest, Python unittest, Swift Testing, ESLint, Playwright, CI/CD

Methods Data Structures, Algorithms, TDD, Agile, AI-First Engineering, Code Review, Automation, Machine Learning

EDUCATION

Master of Science in Software Engineering

Mississippi State University | Aug 21, 2024 - May 2027 (Expected)

Starkville, MS | GPA: 4.0/4.0
Credential: AWS Academy Graduate - Cloud Foundations (Credly), Jun 2026; 99.47% course total, 100% labs

Bachelor of Science in Computer Science, Cum Laude

Mississippi State University | Aug 18, 2021 - May 10, 2024

Starkville, MS | GPA: 3.68/4.0
Honors: Phi Theta Kappa, Gamma Beta Phi

Associate of Arts in Computer Science

East Central Community College | Aug 12, 2019 - May 7, 2021

Decatur, MS | GPA: 3.85/4.0
Honors: Phi Theta Kappa, Gamma Beta Phi
President's List: Fall 2019, Spring 2020
Dean's List: Fall 2020
C++ Programming Award
Outstanding ECCC CS Student Award, awarded by Mississippi State University (custom cowbell)

ADDITIONAL EXPERIENCE

Community Assistant

College View, Mississippi State University | 2022 - 2024

- Supported student residents through communication, policy enforcement, community operations, and incident response.
- Served a 600+ student residential community through crisis response, resident support, and escalation coordination.
- Communicated with residents and staff during incidents, documented issues clearly, and escalated concerns through the proper support channels.