

Software builder and senior business analyst with ten years across the Title & Real Estate industry — product development, technical leadership, and cloud migration. I turn bloated legacy systems into elegant, performant tools, and I design and ship complete products solo, from design tokens to deploy. Most recent work: **Blueprint**, a field-service platform I built design-through-deploy across web and native iOS.

SELECTED WORK

Blueprint — field-service platform · designed & built solo

bobbice.dev

- Complete operations platform for grocery construction with nine modules: a ranked Kanban board, analytics dashboards, full double-entry accounting (Books), a quote builder with branded PDFs, live warehouse prospecting, WASM Monte-Carlo forecasting, and a per-store job-cost cockpit.
- SvelteKit 2 / Svelte 5 + TypeScript front end, MongoDB back end, Dockerized to Azure Container Apps via GitHub Actions; 560+ automated tests with Playwright e2e.
- Token-driven design system with light/dark theming and a WCAG contrast gate enforced in CI; ⌘K command palette, view transitions, and full keyboard reach on every surface.
- Native SwiftUI iOS companion (offline edits, drag & drop, fastlane → TestFlight); applied AI for email and receipt parsing; hand-authored WebAssembly for hot compute (~2x over the JS twin).
- Built a dozen full interface explorations — glassmorphism, neobrutalism, retro, neumorphism, native-platform CSS, a WebGL globe, and spatial 3D — each the entire app reskinned on the same real data.

PROFESSIONAL EXPERIENCE

Business Analyst III · United Wholesale Mortgage

Pontiac, MI · Nov 2024 – Jan 2026

- Drove a 15% lift in workflow efficiency by analyzing mortgage-loan data and automating report generation in SQL.
- Gathered and documented requirements with stakeholders to ship a workflow system that raised user engagement 25%.
- Aligned scalable architecture for an enterprise AI chatbot integration, leveraging Python + SQL across loan-servicing workflows.

Consultant · Neteffects, Inc.

Remote · Nov 2022 – Jan 2024

- Deprecated a legacy data-orchestration tool, coordinating across internal teams to preserve data integrity throughout the transition.
- Validated gRPC message flows with Postman, halving response time and raising system throughput 200% for genome-advancement decisions.

Senior IT Business Analyst · Rocket Companies — Amrock

Detroit, MI · Jan 2020 – Aug 2022

- Principal analyst migrating a loan-origination platform processing \$100B+ annually — legacy WPF → cloud-native MS-SQL + Angular; built CI/CD pipelines in Azure DevOps with Kubernetes and Docker.
- Analyzed 1,000+ fields across a 100MM+ record database for a zero-sync-issue migration; shipped quality code via Cypress UI and C# integration tests; on-call for deploys and incident response.
- Interpreted complex business requirements into actionable user stories and technical specifications, bridging product, developers, and QA across the .NET stack.

IT Team Leader & SAFe Scrum Master · Rocket Companies — Amrock

Detroit, MI · Sep 2017 – Jan 2020

- Led a special-project team that cut appraisal turn-time 95% via encrypted video; directed an SSO + cloud-native rollout on AWS/.NET and cut support tickets 60%; ran SAFe ceremonies in Jira/Confluence.

IT Business Analyst · Rocket Companies — Amrock

Detroit, MI · May 2013 – Sep 2017

- Led UAT and process documentation for a CFPB compliance project; automated a check-refund process over a 3-week horizon, saving ~\$1MM in labor and 3 months.

EDUCATION

Full Stack .NET C# · Grand Circus · 2022

C# · .NET Core · MVC · Angular · SQL

B.A., Accounting & Information Systems

Michigan State University · 2013 · 3.68 GPA

SKILLS

Design: Design systems, tokens, accessibility / WCAG, motion, prototyping

Languages: C#, TypeScript, Python, SQL, JavaScript

Frameworks: .NET / ASP.NET, Angular, React, SvelteKit / Svelte 5, SwiftUI

Platform: Azure, Docker, Kubernetes, CI/CD, GitHub Actions, WebAssembly