

Don Bowman

Buda, Texas | don@donbowman.info | github.com/hitmanpc

PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with 15+ years of experience designing, building, and modernizing enterprise web, mobile, micro-frontend, and API-driven applications. Experienced with Angular, React Native, single-spa micro front ends, .NET, CI/CD, cloud-based delivery, identity/authentication, and cross-functional feature development. Known for independently delivering sprint work, mentoring engineers through pair programming and PR reviews, and improving code quality through clean architecture and maintainable patterns.

TECHNICAL SKILLS

- Languages: C#, TypeScript, JavaScript, Java, C++, PHP, SQL
- Frontend & Mobile: Angular 8+, React Native, single-spa micro front ends, Redux, RxJS, Angular Material, D3.js, Highcharts, jQuery
- Backend & APIs: .NET Core, .NET Framework, REST APIs, gRPC, Node.js, IdentityServer, OpenID Connect/OIDC, PKCE
- Data & Messaging: SQL Server, Oracle, PostgreSQL, MySQL, Kafka, Dapper, ETL and integration workflows
- DevOps & Tools: Azure DevOps, Azure Pipelines, GitHub Actions, Docker, Kubernetes, AWS, TeamCity, Git, GitHub, GitLab, Bitbucket, Jira, MS Teams
- Clearance: Secret-level clearance active Sept 2020 - Sept 2030

PROFESSIONAL EXPERIENCE

Senior Software Engineer | KBX Technologies (Koch Industries) | June 2022 - May 2026 | Austin, TX

- Researched, refined, and developed multiple user stories and production features across Agile sprints with minimal guidance, translating logistics-domain needs into full-stack Angular, single-spa micro-frontend, REST API, gRPC, and backend API solutions.
- Mentored software engineers through pair programming, pull-request reviews, clean-code feedback, and pattern recommendations that improved maintainability, consistency, and team delivery quality.
- Migrated CI/CD workflows from Azure DevOps to GitHub Actions and delivered Angular single-spa micro-frontend, REST API, gRPC, Kafka, and Google Maps geofencing features for logistics-focused, event-driven applications.
- Delivered React Native mobile functionality for iOS and Android, including custom foreground/background location services, Redux-based API state management, Datadog support instrumentation, multilingual translation support, and targeted Swift/Java package patches.

Full Stack Developer | INFICON | Feb 2020 - June 2022 | Austin, TX

- Implemented a custom IdentityServer 4 identity provider for an installable application suite, enabling SSO integration with Active Directory or client-managed user databases.
- Integrated legacy ASP.NET MVC, Angular, and .NET Core applications with OpenID Connect/OIDC, PKCE, token-header validation, and configurable client URIs to reduce environment-specific identity configuration.
- Modernized a real-time Fault Detection Classification platform by building Angular dashboards and .NET Core REST services that connected database CRUD workflows with an existing ISAPI/C++ integration layer.
- Converted C++ ISAPI functionality toward C# REST APIs, built a custom rule engine for business criteria and actions, and containerized Angular front-end delivery with Docker for more flexible brownfield development.

Full Stack Developer | Signature Science, LLC | Mar 2018 - Feb 2020 | Austin, TX

- Enhanced DNA PCR visualization workflows by improving haplogroup relationship analysis, integrating Java calls into a VB.NET application, and using D3.js to visualize sample relationships.
- Contributed to the Haplogrep command-line project to improve performance and sorting quality for mRNA-related values used in scientific analysis workflows.
- Built a .NET Core 3.1 Razor and Angular 6 document process versioning application after interviewing chemistry stakeholders to support ISO 17025 compliance needs.
- Supported CBRNE quality-assurance applications by upgrading data-collection and dashboard interfaces, troubleshooting data-validation logic in R, and implementing source control for R, Oracle SQL, and APEX UI assets.

Software Developer | Lacks Furniture | Aug 2015 - Mar 2018 | Austin, TX

- Converted COBOL-based cash drawer business logic into Angular 4+ and .NET Framework 4.6+ API services with business-rule validation.

- Implemented IdentityServer 3 authentication and authorization with Azure Active Directory and created CI/CD processes for source control, delivery versioning, and controlled releases.
- Built REST APIs for real-time order verification and fulfillment while moving business rules from database procedures into maintainable API services.

Software Developer | Medimobile | Dec 2012 - Aug 2015 | Georgetown, TX

- Built and maintained ICD-9 ETL workflows that transformed hospital messages into relational databases using Microsoft BizTalk mapping tools and distributed SQL Server databases.
- Created integration tooling and ASP.NET/.NET Framework REST API features with jQuery, AngularJS, Bootstrap, and Dapper to support hospital-to-platform data workflows.
- Maintained outbound third-party billing interfaces and used IOC container patterns to improve unit testing before vendor message delivery.

EDUCATION

- Bachelor of Science, Information Technology | University of Phoenix | 2010 - 2012 | Phoenix, AZ
- General Studies | Austin Community College | 2004 - 2009 | Austin, TX