

BILLY DAVIS

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WORK EXPERIENCE

Software Developer

June 2020 — January 2026

Werx · Georgetown, TX

- Architected and delivered complete subscription-based SaaS platform as sole developer from ground up on Microsoft Azure, handling full system design, implementation, and deployment
- Developed full-stack solutions using .NET Core, ASP.NET MVC, React, TypeScript, and Entity Framework Core to create responsive web applications with comprehensive business management features
- Built and maintained CI/CD pipeline using Azure DevOps, automating deployment processes and testing workflows to enable reliable continuous delivery
- Created cross-platform mobile applications using React Native for both Android and iOS platforms, managing entire mobile development lifecycle from design to app store deployment
- Integrated multiple third-party services including Stripe for payment processing, QuickBooks for accounting automation, Postmark for transactional email, and Active Campaign for marketing workflows
- Leveraged GitHub Copilot and AI-assisted development tools to enhance coding productivity and accelerate feature development

Software Developer

December 2014 — June 2020

Praeses · Georgetown, TX

- Developed and maintained ASP.NET MVC web applications with SQL Server databases to support business workflow optimization and daily operations
- Built CI/CD pipeline using TeamCity to automate build, testing, and deployment processes, improving development workflow efficiency
- Created full-stack business applications focused on workflow optimization and data management, streamlining various business processes
- Gained exposure to Kotlin development expanding technical skillset beyond primary .NET focus

Engineer III

March 2000 — April 2014

CenturyLink / Qwest Communications · Austin, TX

- Served as Chief Architect and Developer for CORBA-based high-availability Network Management System using C++ for server components and C# for client applications
- Developed company-wide project tracking website to manage work requests and project lifecycle, improving visibility across engineering organization
- Built Ethernet Provisioning system and created Java modules for Business Process Management integration to automate network configuration workflows
- Administered and maintained SQL Server and MySQL databases for mission-critical telecommunications applications, implementing performance optimizations and ensuring data integrity

EDUCATION

East Texas A&M University

Commerce, TX

Bachelor of Science in Computer Information Systems

CONTINUING EDUCATION — AI, PYTHON & DATA (2025–2026)

Build AI-Powered Apps — Code with Mosh

Completed January 7, 2026

Designed and deployed AI-integrated applications using the Anthropic Claude API and modern Python frameworks, gaining hands-on experience building production-ready AI features including prompt engineering, streaming responses, and tool-use patterns.

Complete Python Mastery — Code with Mosh

Completed February 15, 2026

Mastered Python fundamentals through advanced topics including OOP, functional programming, file I/O, and package management — directly applicable to backend automation, data pipelines, and AI scripting.

Complete SQL Master — Code with Mosh

Completed February 5, 2026

Deepened relational database skills covering complex queries, indexing strategies, stored procedures, and performance tuning across MySQL and SQL Server environments.

Claude Code for Professional Developers — Code with Mosh

Completed April 22, 2026

Applied AI-assisted coding workflows using Claude Code in real-world engineering scenarios, mastering agentic development, automated code review, and multi-file refactoring to maximize developer productivity.

AI Coding Assistant Deep Dive — Self-Directed

2025 — Present

Committed to becoming an AI-first developer by conducting an in-depth, hands-on evaluation of GitHub Copilot, Claude Code, and Cursor applied to personal projects — comparing each tool's strengths across code generation, multi-file refactoring, agentic task execution, and context management to build a practical, opinionated workflow for AI-augmented software development.

SKILLS & INTERESTS

TECHNICAL .NET Core | C# | ASP.NET MVC | React | TypeScript | JavaScript | Entity Framework Core | SQL Server | Azure Cloud Platform | Azure DevOps | React Native | GitHub Copilot | CI/CD Automation | RESTful APIs | Git | TeamCity | Python (in progress) | AI/ML Fundamentals (in progress)

SPECIALIZATIONS Full-Stack Development | SaaS Architecture | Cloud Infrastructure Management | Mobile Application Development | Database Design & Optimization | System Architecture | Legacy System Modernization | DevOps Practices

INTERESTS Cloud-native application development, AI-enhanced productivity tools, system architecture design, emerging technologies in machine learning, continuous learning and professional development