JOHN DAVIS

FULL STACK DEVELOPER

CONTACT

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Indianapolis, IN

SKILLS

// PROFESSIONAL

Problem Solving & Analytical Skills
Communication
Time Management
Teamwork and Collaboration
Adaptability and Flexibility
Team Leadership and Mentorship

// TECHNICAL

React/Angular/Vue
Java
Microsoft .NET (C#)
PHP
RESTful APIs
Microsoft SQL / MySQL
X12 EDI Integrations
CI/CD
Docker Containers
Azure Cloud Services
Claude API & Claude Code
MCP & Agentic AI Workflows
iOS/Android App Development
Scrum/Agile Developer
DNS/Networking
Application Security
SAST / DAST Scanning
ADA / WCAG Accessibility

EDUCATION

BS INFORMATICS & COMPUTING
Indiana University, Bloomington
2012-2016

CERTIFICATIONS

ANTHROPIC ACADEMY
7 Claude course certificates, Nov 2026

SUMMARY

Full Stack Developer with 10+ years of experience modernizing, securing, and scaling systems across state government, healthcare, and aerospace, from HIPAA-compliant portals and statewide application migrations to the supply-chain platforms Boeing and GE rely on. Known for ramping up fast on unfamiliar stacks and legacy code, diagnosing hard production problems, and leading solutions from concept to production. Experienced across React, Angular, .NET, Java, PHP, Azure, DevOps, and application security. Builds with Claude, Claude Code, and MCP to accelerate analysis, design, troubleshooting, and delivery without compromising quality.

EXPERIENCE

SENIOR CONSULTANT — 2026 - Present
Moser Consulting, Indianapolis
Exostar – SupplyLine & DemandLine

Engineer on Exostar's aerospace and defense supply-chain platforms, built in PHP with Propel ORM, MySQL, and Phinx migrations, serving suppliers and primes including Boeing and GE.

- Resolve production issues for aerospace customers, tracing each to root cause and shipping the fix, often as a hotfix release.
- Made shipment cancellation and PO revision APIs concurrency-safe with row-level locking and bounded deadlock retry.
- Build and maintain X12 EDI integrations (850, 860, 856, 861) for purchase orders, change orders, advance ship notices, and receipt reconciliation.
- Delivered quality release approval (QRA) features: inspection review workflows, QA agent dispositions, and role-based access.
- Work in an agentic Claude Code workflow with custom skills and MCP servers connected to Jira, GitLab, and MySQL, from requirements investigation through implementation plan, AI code review, and merge request.
- Benchmarked Claude models across the team's AI-assisted development workflow for accuracy and cost.
- Review teammates' implementation plans before execution and hold every merge request to full PHPUnit line coverage.

SENIOR CONSULTANT — 2025 - Present
Moser Consulting, Indianapolis
South Bend Medical Foundation – Medical Records Request Portal

Designed and developed a secure medical records request platform utilizing Angular, .NET, Azure, and Microsoft Entra External ID to support HIPAA-compliant processing of sensitive patient information.

- Architected and implemented Angular and .NET application components supporting document submission, request tracking, and reviewer workflows.
- Designed Azure infrastructure including App Services, Azure SQL, Azure Container Registry, Application Insights, and Key Vault integrations.
- Implemented Microsoft Entra External ID authentication and MFA workflows for secure public user access.
- Developed Azure DevOps CI/CD pipelines supporting automated deployments across development, testing, and production environments.
- Designed secure document storage and retrieval processes for sensitive medical records and supporting documentation.
- Collaborated with business stakeholders to translate requirements into scalable and maintainable technical solutions while meeting compliance requirements.

JOHN DAVIS

FULL STACK DEVELOPER

- Claude 101
- Claude Code 101
- Claude Code in Action
- Claude Platform 101
- Introduction to Agent Skills
- Introduction to Claude Cowork
- AI Fluency: Framework & Foundations

SCRUM PROFESSIONAL DEVELOPER (CSP-D)
Scrum Alliance
Class scheduled December 2026

SCRUM PRODUCT OWNER (CSPO)
Scrum Alliance
Aug 2023 · Exp: Aug 2025

ADVANCED SCRUM DEVELOPER (A-CSD)
Scrum Alliance
May 2022 · Exp: May 2024

SCRUM DEVELOPER (CSD)
Scrum Alliance
Jun 2021 · Exp: Jun 2023

VOLUNTEER EXPERIENCE

HABITAT FOR HUMANITY
Home Builder
Castleton, IN
March 18, 2022

HABITAT FOR HUMANITY
Home Builder
Castleton, IN
July 23, 2021

HABITAT FOR HUMANITY
Home Builder
Castleton, IN
April 17, 2020

SENIOR CONSULTANT 2025 - 2026
Moser Consulting, Indianapolis
Pennsylvania EDaRT – Security Hardening & Modernization

Led security hardening for a large-scale environmental reporting application, driven by automated scanning and security assessments.

- Prioritized work across application, infrastructure, and dependency layers.
- Upgraded third-party libraries, frameworks, and platform dependencies while maintaining application stability.
- Partnered with development, infrastructure, and security teams to validate strategies and deployment plans.
- Strengthened authentication, authorization, and overall compliance posture.
- Coordinated testing and verification so every change landed without regressions.

SENIOR CONSULTANT 2025 - Present
Moser Consulting, Indianapolis
Indiana State Agencies – Application Modernization & Support

Targeted modernization and stabilization work for individual agencies alongside the statewide migration.

- State Board of Accounts: took over a vendor-built public audit reports portal (.NET, AngularJS), stood it up, and automated report publishing with PowerShell and Azure Pipelines.
- Economic Development Corp.: stabilized authentication, search, and API performance for a public transparency portal (C#, Vue, Azure).
- State Dept. of Toxicology: modernized PDF signing and moved certificate storage into Azure Key Vault.

SENIOR CONSULTANT 2024 - Present
Moser Consulting, Indianapolis
Indiana Office of Technology – Application Migration Initiative

Led the migration and modernization of 14 public-facing Java and .NET applications across 10 Indiana state agencies, transitioning critical systems from aging infrastructure to modern Windows IIS, Tomcat, and Payara hosting environments.

- Performed application assessments and reverse engineered undocumented systems to identify infrastructure, database, authentication, and deployment dependencies.
- Planned and executed production migrations for applications supporting multiple state agencies while minimizing downtime and operational disruption.
- Diagnosed and resolved complex issues involving SSL certificates, DNS, load balancers, Azure Active Directory integrations, database connectivity, and application server configurations.
- Modernized deployment and operational processes through PowerShell automation and infrastructure standardization.
- Collaborated with agency stakeholders, infrastructure teams, and vendors to coordinate migration activities, testing efforts, and production cutovers.
- Provided post-migration support, performance tuning, and stabilization activities to ensure long-term application reliability and maintainability.

SENIOR CONSULTANT 2023 - 2026
Moser Consulting, Indianapolis
BeneSys - Member Portal / iOS and Android Mobile Application

Transformed over 300 legacy Web Form applications into a single, scalable code base using React and .NET, creating a data-driven platform tailored to client needs. Enabled member users to securely access personalized Fund information across Annuity,

JOHN DAVIS

FULL STACK DEVELOPER

Healthcare, Pension, and Vacation Funds, while equipping administrative users with tools to manage CMS content and configure site-specific settings for each client.

- Developed multi-tenant .NET and React PWA hosted in Azure
- Built Azure Portal resources for infrastructure of project
- Configured Azure ADB2C custom policies for user authorization/authentication
- Created and maintained Azure DevOps CI/CD pipelines
- Responsible for environment/code promotions
- Developed React components and hooks with Tailwind
- Developed .NET API endpoints and methods
- Developed SQL stored procedures and migration scripts
- Assisted with Product Owner responsibilities in the Design and Discovery phase
- Gathered story requirements and acceptance criteria working directly with client to build testable product increments

SENIOR CONSULTANT 2022 - 2023

Moser Consulting, Indianapolis
Indiana Family & Social Services Administration (FSSA) - P-EBT Portal

Developed Indiana Pandemic Electronic Benefit Transfer Program (P-EBT) portal for Homeschool and Virtual School Students. A federal program created to provide food assistance to families with students who would have received Free or Reduced Meals if they were in school, but were not in attendance at schools for COVID-related reasons.

- Developed .NET and Angular web application hosted in Azure
- Set up Azure Blob Storage Containers for document management
- Created Azure ADB2C user flows for authorization/authentication
- Created and maintained Azure DevOps CI/CD pipelines
- Responsible for environment/code promotions
- Developed Angular components and modules
- Developed .NET API endpoints and methods
- Developed SQL stored procedures
- Responsible for DNS configurations and SSL Certifications
- Assisted with Product Owner responsibilities in the Design and Discovery phase
- Gathered story requirements and acceptance criteria working directly with client to build testable product increments

SENIOR CONSULTANT 2021 - 2022

Moser Consulting, Indianapolis
Schwarz Partners - Logistics Portal

Developed individual web applications services to handle Electronic Key Distribution for retailers such as Best Buy, Walmart, Staples, CDW and Adorama. Additional portal features included CSR login to have ability to view order details with customers.

- Developed .NET and Angular web applications hosted in Azure
- Developed Angular components and modules
- Developed .NET API endpoints and methods
- Created Azure ADB2C user flows for authorization/authentication
- Created and maintained Azure DevOps CI/CD pipelines
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JOHN DAVIS

FULL STACK DEVELOPER

SENIOR CONSULTANT 2019 - 2021
Moser Consulting, Indianapolis
Venture Logistics - Logistics Portal

- Developed .NET and Angular web applications hosted in Azure
- Developed Angular components and modules
- Developed .NET API endpoints and methods
- Created Azure ADB2C user flows for authorization/authentication
- Created and maintained Azure DevOps CI/CD pipelines
- Responsible for environment/code promotions
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SENIOR CONSULTANT 2018 - 2019
Moser Consulting, Indianapolis
SRI Services - Foreclosure Auction Portal

- Developed .NET and Angular web application hosted in Azure
- Developed Angular components and modules
- Created Azure ADB2C user flows for authorization/authentication
- Responsible for DNS configurations and SSL Certifications
- Created and maintained Azure DevOps CI/CD pipelines
- Responsible for environment/code promotions
- Assisted with Product Owner responsibilities in the Design and Discovery phase
- Gathered story requirements and acceptance criteria working directly with client to build testable product increments

CONSULTANT 2017 - 2018
Moser Consulting, Indianapolis
Star Leasing - Logistics Portal

- Developed .NET and Angular web application hosted in Azure
- Developed Angular components and modules
- Created Azure ADB2C user flows for authorization/authentication
- Responsible for DNS configurations and SSL Certifications

CONSULTANT 2016 - 2017
Moser Consulting, Indianapolis
Indianapolis Public Schools - Account Management for Innovation Schools Portal

- Developed PowerShell scripts run on scheduled tasks to manage O365, Active Directory, and other third-party application accounts
- Built scripts that consumed and sent JSON data to APIs
- Pulled CSV files from various FTP sites to perform ETL processes