

Thomas Matlock

Full Stack Developer



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EDUCATION



University

- **Bachelor of Science in Business Administration**
University of Mississippi - 2018



Technical Training & Professional Development

- **Full Stack Software Development Bootcamp**
FLATIRON SCHOOL - 2019



Certifications

- **CERTIFIED INFORMATION SYSTEMS AUDITOR (CISA)**
ISACA - 2022
- **ONBASE SYSTEM ADMINISTRATION**
HYLAND SOFTWARE - 2020
- **RESPONSIVE WEB DEVELOPMENT**
FREECODECAMP - 2021
- **JAVASCRIPT ADVANCED CLASSES**
LINKEDIN LEARNING - 2022

SKILLS

Backend Development

- C#, ASP.NET Core, .NET 6/8, .NET Framework, Node.js, GraphQL
- RESTful API Development, API Gateway Implementation
- XML/JSON Data Processing, Service Bus Integration
- SOLID Principles, Clean Architecture, Domain-Driven Design

Frontend Development

- Blazor (Server/WASM), Razor Pages, MVVM Pattern
- MVC Architecture, React.js, Next.js, Laravel
- JavaScript (ES6+), TypeScript, HTML5, CSS3/SCSS

Executive Summary

Results-driven Full Stack Developer with ASP.NET Core, Blazor, and Azure expertise. Specializes in cloud-native architecture, DevOps automation, and scalable applications to drive performance and efficiency. Committed to optimizing CI/CD pipelines for seamless software deployment.

Team-oriented and agile practitioner, experienced in leading cross-functional teams, digital transformation, and secure software development and committed to mentoring developers and optimizing workflows to deliver high-quality, scalable solutions.

FULL STACK .NET DEVELOPER | API INTEGRATION SPECIALIST | DATABASE ARCHITECT | CI/CD PIPELINE EXPERT | APPLICATION PERFORMANCE OPTIMIZER | SOFTWARE DEPLOYMENT SPECIALIST | BACKEND & FRONTEND INTEGRATION ENGINEER | SECURITY & COMPLIANCE PRACTITIONER

'Thomas is a proficient full-stack developer and systems management innovator who operates at a high level. He constantly seeks opportunities that add value to new projects and facilitates intellectual curiosity. Thomas has the unique ability to communicate effectively with all levels of the organization and achieve collective consensus. He is a culture builder who provides expertise and best practices and is experienced in leveraging his influence without authority by developing and cultivating key relationships. His combination of technical acumen, intellect, drive, leadership, and flexibility enables him to excel. He is brilliant, has a remarkable work ethic, and has deep intellectual knowledge.'

- Excerpt from a recent performance appraisal.

Professional History

.Net Full Stack Developer

TYLER TECHNOLOGIES | 2023 - 2025

- **Boosted system performance by 30%** by optimizing .NET Core and .NET Framework applications for **efficiency** and **scalability**.
- Led **Azure DevOps CI/CD pipeline** implementation, **reducing deployment time by 40%** through **automation** with **YAML pipelines**.
- **Improved user interface responsiveness** and **reduced page load times by 25%** through the integration of **Blazor** and **overhauled client-server interactions**, significantly enhancing user experience
- **Optimized SQL Server performance**, improving query execution times by 25% via **indexing** and **stored procedures**.
- **Fortified application security** by deploying **OAuth2** and **JWT authentication** protocols, establishing **role-based access control** for **2,000+ users**, and adhering to **OWASP guidelines**.
- **Authored end-to-end full-stack applications** using **ASP.NET Core**, **Blazor**, and **Entity Framework**, integrating **RESTful APIs** with versatile **front-end interfaces**, significantly **enhancing user interaction**, **data management efficiency**, and overall **application responsiveness**.
- **Streamlined** and **maintained 20+** State of Mississippi agency applications, enhancing **reliability** and **security** and improving **uptime** and **security compliance**.
- **Managed** and **customized** an existing **full-stack web application**, improving **front-end styling**, refining **JSON-to-API integrations**, and **creating custom PDF templates** that **generated user-submitted data** into **downloadable documents**.

- XAML, WPF, Responsive Web Design
- SPA Development, Progressive Web Applications

Database Management

- SQL Server (Performance Tuning, Query Optimization)
- Entity Framework Core (Code-First, Database-First)
- LINQ, PostgreSQL, MySQL, Redis
- NoSQL Solutions, Onbase
- Data Modeling, Database Schema Design

Azure DevOps & CI/CD

- Multi-stage YAML pipelines with environment isolation
- Template-based components and reusable workflows
- Variable groups and secure secret management
- PowerShell automation scripts for IIS configuration
- Zero-downtime deployment techniques and health checks
- Docker containerization for .NET applications

Security & Testing

- OAuth2, JWT Authentication Implementation
- Role-Based Access Control (RBAC), Claims-based Authorization
- Active Directory Integration, Identity Management
- Automated Testing: Unit Tests, Integration Tests
- Test Frameworks: Selenium, Postman

DevOps & Agile Practices

- Continuous Integration/Continuous Deployment
- Release Management, Deployment Orchestration
- Git Workflows, Branching Strategies
- Agile Methodologies (Scrum, Kanban)
- Sprint Planning, Backlog Refinement, Retrospectives
- Code Reviews, Pair Programming

Agile & Collaboration

- Jira, Confluence, Azure Boards
- Microsoft Teams, Slack
- Git, GitHub, Bitbucket, Azure Repos
- Documentation (Swagger, OpenAPI)

- **Refactored legacy codebases**, improving **maintainability**, **reducing technical debt**, and **ensuring better performance** with **SOLID principles** and **Clean Architecture**.
- **Designed and implemented automated testing strategies** using **Selenium**, reducing post-deployment bugs by **30%** and improving release stability.
- **Developed, and deployed microservices-based applications** with individual **.NET Core APIs** hosted on **IIS**, ensuring **service independence**, **modularity**, and **simplified maintenance** and **deployments**.
- **Collaborated with cross-functional teams** in **Agile environments**, participating in **sprint planning**, **code reviews**, and **backlog refinement** to ensure high-quality deliverables.

Systems Manager / Full-Stack Developer

LIQUID CREATIVE | 2022 - 2023

- **Coordinated and managed hosting for 50+ websites**, utilizing a whole stack of web technologies including **Next.js**, **Laravel**, **SendGrid**, and **PostgreSQL** to ensure **high performance** and **scalability**.
- **Orchestrated strong problem-solving skills** by troubleshooting complex issues in real-time, **reducing downtime**, and **maintaining 99.9% operational reliability** for **web applications**.
- **Led a cross-functional team** in **solving complex software issues** through **innovative problem-solving techniques**, resulting in a **25% reduction** in **bug resolution time** and **improved product quality**.
- **Optimized server infrastructure** and automated **deployment processes**, enhancing **website reliability** and **load balancing**.
- **Spearheading process improvements** to streamline **client support workflows**, reducing **resolution times** and **improving feedback loops**.
- Proactively identified and integrated **emerging trends in web technologies**, resulting in a **25% increase in project efficiency** and **scalability across multiple projects**.

Systems Auditor / Application Developer

ERGON | 2020 - 2022

- **Succeeded in eliminating recurring manual labor hours** by **developing and implementing a Python script** that created an **automated workflow** based on customer needs.
- **Standardized microservice deployments** by building a **custom PowerShell module** that **automated IIS configuration** and **reduced deployment errors by 15% per release**.
- **Pioneered software application and system administrator development leadership**; **data migrations**, **system migrations**; designed and implemented systems and **re-platforming applications**, **database design**, **data structures**, and **web applications**.
- **Authored and conceptualized** a key efficiency project that **automated workflows**, **reducing manual workload by 10+ hours weekly** and **improving the Software Development Life Cycle (SDLC)**.