

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
- XAML, Responsive Web Design

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 Experience

.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**.
- Architected a seamless integration of **RESTful APIs** with **.NET Core**, **Blazor**, and **Entity Framework**, resulting in a **highly responsive application interface**; the solution is now utilized by **over 100 active users daily**, improving overall user satisfaction.
- **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**.

- 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

- **Authored and conceptualized** enterprise-wide applications to streamline operations, taking **ownership** of system performance ensuring robust and scalable solutions that reduced workload by 10+ hours weekly, and improved the **Software Development Life Cycle (SDLC)**.
- **Succeeded in eliminating recurring manual labor hours** by **developing and implementing a Python script** that **automated workflow** for the **enterprise onbase system** saving **1+ days** in **manual data entry**.
- Built and implemented automated workflows that **ran 32+ scripts**, **analyzed millions of records**, and **pinpointed anomalies** within the system, which **captured 3+ fraud cases** and created and delivered **\$100,000+ in yearly savings**.
- **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**.