

TIMOTHY DYER JR.

Suffolk, VA

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PROFESSIONAL PROFILE

Results-driven Software Engineer with over 15 years of experience in software development, cloud architecture, and technical leadership. Proven ability to analyze business requirements, identify system inefficiencies, resource allocation, and implement scalable solutions that drive operational success.

Strong collaborator that works closely with CEOs, CTOs, VPs, and PMs in Agile environments to align technology with business goals. Adept at mentoring engineers, optimizing development workflows, and implementing clean code practices.

Broad expertise in cloud computing (AWS and Azure), full stack development, application development, DevOps automation, and system architecture, with a keen focus on delivering high-quality, high-performance solutions. Passionate about problem-solving, continuous learning, and driving technical excellence.

Core Competencies:

- AWS Certified Cloud Practitioner
- Google AI Essentials certification
- Project management using an Agile approach
- Communication, collaboration, and teamwork through Scrum
- Strong analytical skills and highly collaborative
- Strong organizational and communication skills
- Unit, integration, automated, regression, performance testing, and TDD
- IDE: Visual Studio 2008 – 2026, Rider, VS Code, and Eclipse
- Programming languages: C#, VB, Python, HTML, CSS, JS, PHP, Java, Go, C++, and TypeScript
- Frameworks: .Net Core and Framework, Vue.js, Blazor, Angular, React, Node.js, and NPM
- Testing Frameworks: xUnit and Groovy
- Databases: MySQL, MSSQL, Postgres, and Redis
- Cloud technologies: AWS, AWS Gov Cloud, and Azure DevOps
- Repositories: Bitbucket, Azure DevOps Repos and Git Hub
- CI/CD: Jenkins, Azure DevOps and BitBucket Pipelines
- OAuth providers: Membership, Identity, Okta, B2C
- Other technology and processes: Docker, AWS ECS, Kubernetes, Terraform (IaC), ETL, Rest API, JSON, and Datadog
- Scrum software (Agile, Kanban, and Waterfall): Jira, Zoho, Azure DevOps - Boards and Confluence
- **AI Services & Tools:** AI governance/policy, Anthropic Claude API, Claude Code, OpenAI API, CoPilot, Ollama (local LLM hosting/inference), n8n (AI workflow orchestration), LangChain-style agent design, FastAPI-based AI agents, prompt engineering, RAG implementation

WORK EXPERIENCE

WebstaurantStore - PA (Remote)

10/2025 - Present

Sr. Software Engineer II

As a Sr Software Engineer II, I'm expected to be proficient and own significant development work, leading by example and mentoring, acting as a bridge between mid-level and more senior/staff roles, focusing on feature delivery and complex problem-solving using .NET 8-10 in C#, React on Azure DevOps services.

Lonza – Contract – PA (Remote)

06/2025 – 01/2026

Full Stack Engineer

Helped with a new CDMO version of their product. Tech included:

- NET Aspire on .NET 9
- Blazor WebAssembly UI with MudBlazor
- ASP.NET Web API services
- WolverineFx messaging
- RabbitMQ for asynchronous events
- SignalR for client notifications
- Redis cache
- SQL Server
- YARP reverse proxy
- Docker container orchestration
- Aspire Dashboard
- Authentication via Keycloak

EDUCATION ADVANCED INC., Tyler, TX (Remote)

08/2016 – 02/2025

Software Engineer IV (11/2022 – 02/2025)

Led full-stack software development, cloud modernization, and system architecture enhancements.

- Designed and implemented scalable, cloud-native applications using AWS, Azure, .NET, Blazor, Vue.js, and Node.js.
- Developed and maintained enterprise APIs with strong security and performance optimizations.
- Built CI/CD pipelines and infrastructure as code to streamline deployment processes.
- Optimized system performance, integrated monitoring solutions, and improved API security.
- Acted as a team lead for engineering sprints, conducted code reviews, and mentored junior engineers.

Sr VP of SE - Oversaw engineering, IT and infrastructure, technology strategy, and AI and ML innovation

- Partnered with C-suite executives, stakeholders, and VPs to define and execute the company's long-term technology vision, engineering roadmap, and product innovation strategy.
- Led AI and ML policy, development and implementation across engineering teams.
- Drove modernization efforts in legacy applications, cloud scalability, and software performance improvements.
- Established engineering best practices, CI/CD pipelines, and DevSecOps strategies to enhance deployment efficiency and security.
- Worked cross-functionally with product, sales, and business units to align engineering efforts with customer needs.

Engineering Manager (11/2020 – 11/2022)

Managed multiple engineering teams, sprint operations, and software product development.

- Led engineering teams across three software products, ensuring on-time delivery and high code quality.
- Managed sprint planning, backlog grooming, and Agile development processes.
- Designed and implemented cloud-based applications and microservices using AWS, Azure, and containerized deployments.
- Collaborated with product managers and QA, UI, and UX teams to improve user stories and feature development.
- Implemented process improvements to enhance development workflows and engineering efficiency.

Senior Software Developer (08/2016 – 11/2020)

Developed enterprise applications, API integrations, and scalable backend solutions.

- Built robust applications using C#, .NET Core and Framework, Blazor, JavaScript frameworks, and RESTful APIs.
- Optimized application speed, scalability, and security through best coding practices and caching strategies.
- Migrated legacy applications to cloud-based, containerized infrastructure.
- Conducted peer code reviews, unit testing, and CI/CD improvements to ensure high-quality deployments.

Owner

Provided IT consulting and software development services to businesses.

- Advised businesses on cloud migration, application modernization, and security best practices.
- Designed and deployed custom applications, enterprise APIs, and cloud-hosted platforms.
- Helped businesses increase revenue, optimize IT operations, and improve software efficiency.

PREVIOUS WORK EXPERIENCE

ECPI UNIVERSITY, Virginia Beach, VA

2013 – 2016

Software Developer (2015 – 2016)

- Developed enterprise web applications using ASP.NET, C#, Entity Framework, JavaScript, and PHP.
- Led full-stack development for education-based software systems.

Linux System Administrator (2015)

- Managed Linux servers, cloud deployments, and system security configurations.

Online Systems Administrator (2013 – 2015)

- Oversaw enterprise IT systems, Moodle administration, and software integrations.

ANGELS INSTRUMENTATION, Chesapeake, VA

2012 – 2013

Information Technology Manager

- Led network security, IT strategy, and compliance efforts.

HR DATA COMMUNICATIONS, Chesapeake, VA

2011 – 2012

Field Engineer

360 IT PARTNERS, Virginia Beach, VA

2010 – 2011

Field Engineer

INMOTION HOSTING, Virginia Beach, VA

2007 – 2010

Technical Support and Management

EDUCATION AND CERTIFICATIONS

Bachelor of Science (B.S.), Computer Science – Database Programming, ECPI UNIVERSITY, Virginia Beach, VA

Associate of Science (A.S.), Computer Information Science – Network and Security Management, ECPI UNIVERSITY, Virginia Beach, VA

Associate of Science (A.S.), Information Technology – Computer and Electronics Engineering, ITT TECHNICAL INSTITUTE, Virginia Beach, VA

AWS Certified Cloud Practitioner, Amazon Web Services Training and Certification
(Renewed in 2025)

Google AI Essentials, Coursera (2024)