

Clinton L. Davis

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PROFESSIONAL SUMMARY

Senior Software Developer with 20+ years of experience designing, building, and optimizing enterprise applications using .NET, Azure, AWS, SQL Server, and modern web technologies. Experienced leading cross-functional projects, integrating complex enterprise systems, and delivering secure, maintainable applications across healthcare, higher education, HR, finance, and institutional systems. Strong background in C#, APIs, cloud platforms, testing automation, and stakeholder-driven software delivery.

TECHNICAL SKILLS

Languages & Frameworks:	C#, .NET Core / ASP.NET Core, Blazor, .NET MAUI, Entity Framework Core, Python / Flask, JavaScript, TypeScript
Cloud & DevOps:	Azure (Service Bus, Functions, App Services, Application Insights), AWS (Lambda, Alexa), Docker, CI/CD Pipelines, Azure DevOps
Databases:	SQL Server (T-SQL), Oracle, MySQL, Entity Framework
Testing & Automation:	Playwright, automated E2E testing, secure coding
APIs & Integration:	REST APIs, SCIM, ServiceNow, MuleSoft, Git / GitHub, PDF processing
Other:	Agile, debugging / root cause analysis, infrastructure troubleshooting

PROFESSIONAL EXPERIENCE

Healthcare Fraud Shield

Technology Innovations Engineer | August 2025 - Present - Chesterfield, MO

- Developed document-review workflows, dashboards, saved filters, search functionality, policy displays, cloning tools, and PDF-processing interfaces for healthcare fraud detection
- Built Playwright end-to-end tests for multiple application features, supporting iterative development and accelerating promotion from development to QA
- Diagnosed and resolved complex issues across TLS configuration, caching, build artifacts, controllers, document content, and cross-system integrations
- Implemented SQL and API changes for SCIM integration, date-range filtering, healthcare claim searches, and application reporting
- Resolved test-suite regressions that blocked releases, restoring successful execution and unblocking multiple development items
- Improved security by restricting uploads to supported PDF files and addressing automated code-scan findings
- Modernized dependencies (pdf.js) and contributed versioned updates to an NLP server project
- Worked directly with stakeholders to clarify requirements, validate behavior in staging, and resolve ambiguous scope

Georgia Institute of Technology

Platform Application Developer Senior | November 2019 - August 2025 - Atlanta, GA

- Led development of a new Meal Plan mobile application using .NET MAUI for iOS and Android
- Managed contractors and developed project timelines for the Meal Plan application
- Rearchitected the existing Meal Plan system using .NET Core and Blazor WebAssembly, hosted on Azure, integrated with Banner and Transact systems
- Implemented a Conflict of Interest system in ServiceNow using REST API integrations with an external LMS and custom workflows serving 10K+ staff
- Implemented a new-hire integration across ServiceNow, HR, and IAM systems, reducing identity creation time for new employees
- Assisted with transition of COVID testing application from Java/Docker to Python/Flask
- Reorganized HR business processes in ServiceNow using REST APIs and Flows

.NET Application Developer Senior | May 2016 - November 2019

- Built a meal plan application in ASP.NET MVC with Azure Service Bus, serving 20K+ students and integrating with third-party systems
- Developed integrations with third-party and institute systems using .NET Framework and Entity Framework
- Collaborated with campus departments on technical strategies and solutions
- Consulted on digital signage and implemented a MuleSoft API-based solution to distribute data to signs across campus

- Created an Alexa skill using .NET Core on AWS

Data Services Manager | August 2015 - May 2016

- Managed a team of developers, setting goals, providing performance feedback, and scheduling across projects
- Prioritized cross-departmental projects to meet state and federal reporting deadlines

Application Developer Senior | September 2013 - August 2015

- Led implementation of SAS Enterprise Business Intelligence and SAS Visual Analytics solutions
- Converted Oracle to SQL Server and improved data warehouse load performance
- Collaborated with departments on design, implementation, and maintenance of shared storage solutions
- Documented patching, backup, and restore procedures; managed hardware lifecycle

Application Developer | February 2007 - September 2013

- Designed a Budget Development application used to manage changes for a \$1.4B budget
- Created reports based on user feedback, integrating data from the data warehouse, budget system, and PeopleSoft
- Migrated budget system backend from Access to SQL Server with near-zero downtime
- Introduced version control and led the transition from VB6 to .NET
- Cut table load times by 57% and report load times by 80-93%
- Trained users on PowerPivot and built backend databases for self-service reporting
- Virtualized servers to consolidate physical infrastructure

Georgia Institute of Technology

Earlier Experience (Contract, Accounting, IT Support) | 2004 - 2007

Contract developer, cost accountant, and IT support roles at Georgia Tech. Prepared expenditure reports for \$384M in sponsored programs, maintained salary records for 4,500+ employees, assisted with server patching and upgrades, and helped coordinate hardware vendor transitions.

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Master of Science, Computer Science

Fall 2021 | GPA: 3.50

Clayton State University, Morrow, GA

Bachelor of Business Administration, Accounting (AACSB)

Fall 2011 | GPA: 3.40

Clayton State University, Morrow, GA

Associate of Applied Science, Computer Networking

Fall 2005 | GPA: 3.45

West Central Technical College, Newnan, GA

Certificate of Computer Repair

Spring 2001