Adam Meyer

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Professional Summary

Seasoned and dedicated Senior Software Engineer with 15+ years of experience in full-stack development, architecting solutions across serverless, service-oriented, and n-tier paradigms. Highly skilled in API and SDK creation, complex third-party integrations, and advanced data transformations like EDI and HL7, alongside document and image processing. Adept at managing the software development lifecycle, from requirements gathering to delivery, maintaining complex codebases, and collaborating with business leadership within an Agile framework.

Work Experience

Unlimited Systems, LLC | Cincinnati, OH, Remote 5 years Reston, VA
Senior Software Engineer | February 2018 - March 2025
- Provided advanced technical leadership by serving as senior technical resource for G4 Studio, leveraging WPF, WCF, and SQL Server 2016+, augmenting system performance and stability
- Implemented Azure based cloud solutions with end-to-end ownership over past 5 years, decreasing infrastructure costs and modernizing application integration and development efficiency.
- Streamlined document processing by implementing serverless Azure functions for invoice statement batch PDF rendering, zipping, and integration with Azure hosted SaaS platform Unlimited Financials, enabling invoice delivery
- Enabled critical healthcare integrations by developing third-party proxy Azure serverless solution for claims pre-authorization services, enabling data exchange with co-located G4 Studio platform.
- Modernized legacy enterprise platform by leading migration of legacy .NET Framework 4.5.2 product to 4.8, and changing to a full Azure DevOps CI/CD YAML Pipeline, reducing deployment times
- Developed patient payments portal with Stripe integration, served from a suite of Azure Functions
- Ensured operational stability by developing and supporting solutions across diverse technical stacks, codebases, and various technologies over 7 years, resulting in consistent system performance for a national customer base in the Cancer and Oncology Healthcare space
- Improved data integrations for healthcare workflows by parsing diverse and sometimes custom external patient charge data into standard HL7 formats and transmitting directly to SaaS platform, UF backend API, ensuring accurate and timely data availability

Rockwell Collins, Simulation & Training Systems | Sterling, VA
Senior Consultant | October 2016 - August 2017
- Secured high-profile client contract by leading creation of complex training simulator desktop UI prototype, resulting in successful client approval and project continuation
- Established intuitive user experience by designing and implementing Linux Gnome-inspired desktop interface using WPF/XAML and MVVM architecture, enhancing user adoption and interaction
- Enabled seamless system interoperability by building integration layer with Rockwell Collins' simulation engine SDK implemented in C++
- Accelerated project execution by translating complex client technical specifications and Statement of Work requirements into clear, actionable development plans
- Ensured project continuity and clarity by providing in-depth documentation serving as foundational blueprint for eventual development stages

Full Visibility, LLC | Quantico, VA
Senior Software Engineer, Lead | May 2012 - June 2016
- Architected and led development of an internal workflow platform providing intra-agency coordination and reporting capability for a high-profile client in the Federal space.

- Established operational oversight by architecting in-depth asset management, billing reconciliation, and personnel tracking system utilizing WPF, MVVM, WCF and SQL Server, data model design.
- Boosted application performance by developing a custom, high-performance ORM solution in C# .NET 3.5, reducing data retrieval times and enhancing system responsiveness
- Accelerated development cycles by creating code generation system, automating creation of 1,300+ data access components, decreasing development time and ensuring consistent code quality
- Enhanced deployment reliability by establishing robust CI/CD pipeline using TeamCity and Mercurial, with integrated unit tests, ensuring robust software deployments and faster release cycles
- Improved system monitoring and analysis by incorporating programming emphasizing AoP with PostSharp for system-wide logging and metrics gathering, providing real-time insights

Additional Experience

Active Health Management | Consultant | Westfields, VA
- Implemented a complex data staging application with PL/SQL.
- Implemented MSMQ based logging proof-of-concept with PostSharp aspect-oriented techniques.

InfoReliance Corporation | Software Developer | Dumfries, VA
- Implemented training platform with responsive web design in JavaScript and jQuery utilizing AJAX with SOA .NET 2.0 web-services

Atlas Air, Inc | Software Developer | Purchase, NY
- Implemented Ground Operations Portal reducing operational staff by 2/3.
- Implemented Customer Flight Management System using ASP.NET 2.0/3.5 allowing customers to manage aircraft routes and schedules.

SMS.ac | Software Engineer | San Diego, CA
- Social media platform, implemented new product design backend services in .NET 2.0

Skills

Framework and SDK Development, Technical Scoping & Estimation, Agile/Scrum, Object-Oriented Design, Software Architecture, Revenue Cycle Management Healthcare space, Event-Driven Architecture

Technologies

Programming Languages & Runtimes: C#, Python, JavaScript, ANSI C, C++ (MFC C++ 6.0), PL/SQL, VBScript, TypeScript
Frameworks & Libraries: .NET (general, .NET Framework 4.8.1, .NET Core 3.1, 6, 8 isolated), .NET Standard 2.0, Entity Framework, Dapper, LINQ, jQuery, React, ASP.NET (1.1 - 3.5 framework), AJAX
Databases & Data Technologies: SQL Server (2005, 2016+), T-SQL, Oracle 10g, CosmosDB, Redis
Cloud Platforms & Services: Microsoft Azure
DevOps & Tools: Azure DevOps, Docker, Kubernetes, TeamCity, Mercurial, Postman, VSCode, JetBrains Rider, PyCharm, vim, Git, TFS
Data Formats & Protocols: X12 EDI (270/271, 837/835), HL7, XML, JSON, CSV, Fixed Width, HTTP/SOAP, SFTP
Project Management Tools & Methodologies: Atlassian Jira, Confluence

Military Service

E-5 Sergeant | United States Marine Corps | Navy and Marine Corp Commendation Medal
- Wrote supply data transfer and transform system in MS MFC C++ and ANSI C reducing staff by 95%.

Education

B.S. Computer Science | University of Cincinnati