

Jason Moore

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SKILLS & ABILITIES

- Over 20 years of experience in full stack software development
- Over 15 years as a lead architect/developer for enterprise software solutions
- 10+ years as a development manager building teams and directing activities
- Expert in:
 - Front-end technologies & frameworks such as React JS, jQuery, MVC, .NET & .NET Core 6+
 - UI/UX design frameworks (Bootstrap, Material UI, SCSS & CSS)
 - Backend and enterprise technologies such as C#, RESTful APIs, Web Jobs
 - Event-driven Architectures (Service Bus, EventArc, etc.).
 - Continuous Integration/Development (CI/CD) models
 - Unit testing frameworks (NUnit & XUnit)
- Software development paradigms including SCRUM, Kanban, & Agile
 - Relational database design with MS/Azure SQL Server
 - SQL queries and ORM technologies
- Source control systems & strategies (GIT, SVN, TFS)
- Experience with C++/C/VB/JAVA, Angular, Document DB
- Cloud technologies (Docker, Azure, Google Cloud)

EXPERIENCE

Solutions Architect – Integrations

November 2023 – Present

MuniBilling - Greensboro, NC

- Direct implementation for the integrations team for 3rd party software systems and technologies.
- Develop Google cloud strategies for external payment and integration projects.
- Develop and maintain Operational Toolkit (OPAL), a NextJS based application for sharing a single UI platform with multiple front-end tools to multiple backend APIs (.NET).
- Manage local development environments including Docker build and unit test strategies.
- Document and diagram architectures via internal Confluence site.

Lead Software Developer/Dev Manager

May 2013 – November 2023

Center for Creative Leadership - Greensboro, NC

- Development manager for a team of 7 software developers on multiple project teams (matrix org).
- Directed hiring efforts for new development staff – job descriptions, technical screenings, interviews, and onboarding.
- Developed and directed standard software best practices including DevOps policies, technologies, testing strategies, and CI/CD practices.
- Worked with system, security, and data architects to ensure best practices and communications to achieve business goals.
- Worked with managers to develop and track KPIs for Global Technology Team including modernization goals & test coverage.
- Lead developer for Leadership Products team that implemented and maintained all user-facing web and mobile applications.

- Directed modernization efforts for migrating legacy MVC .Net applications to React JS & SPA front-end working with Web APIs and Azure SQL servers.
- Directed implementation to Azure Kubernetes environment using Docker containers & Azure pipelines.
- Led development of multiple internal and user-facing applications to meet business needs including:
 - ELLA – personalized AI-powered leadership development assistant – mobile and web application
 - LxD – mobile application designed to deliver on-demand assessment and development for leaders
 - SnapPulse – web app for leaders to craft development goals and receive periodic feedback
 - DST – consolidates multiple, separate web apps (modules) into a unified platform for managing CCL operations
 - Clavin – enterprise notification system for emails, web/mobile push notifications, and SMS messages:
 - API interface and custom SMTP server
 - Track status of all messages with automatic bounce back/delivery failure handling
 - Processes ~ 60,000+ notifications/month as of January 2024
- Asset Store – enterprise asset management system allowing for secure storage, versioning, and transfer of digital assets
 - Uses Azure blob storage and version management
 - All assets stored using AES encryption with proprietary key management algorithm
 - Stored 825,000+ unique assets as of 2024
- Compass – digital tool allowing users to create personalized strategies for self-improvement. Users will:
 - Review 360 assessments with integrated charts to identify growth areas and develop customized learning journeys all delivered digitally.
 - In 2018, became the centerpiece of CCL's retail assessment products, which resulted in a significant increase in year over year assessment revenue.

Independent Consultant/Owner

November 2007 – Current

Ramey Road, Inc. (formerly Jason Moore IT Services, LLC) – Greensboro, NC

- Provide independent consulting and development to a wide range of clients.
- tcdioss.com – Blog site for highlighting open-source development efforts
- GoodeVacationRentals.com – Online vacation rentals in Hilton Head Island, SC. Built & hosted from 2008 – 2021
 - When GVR was sold to Vacasa, “Professional” site noted as significant factor in acquisition decision.
- global.westoverchurch.com – custom site highlighting annual conference & providing user-specific schedules
- Developed custom Learning Management System (LMS) for local property management company that delivered digital training and tracked progress/compliance with employee training
- Designed First Page, a prototype search tool utilizing Google's API for batch searches and page rankings to tailor keyword usage in online content
- Developed automated MLS update utility to maintain property details/photos to support 30+ distinct realtor websites in the central North Carolina and coastal South Carolina areas – processed 200,000+ records daily
- Multiple other projects to prototype business ideas or solve specific customer needs

Lead Developer/Architect

October 2009 – May 2013

New River Innovation - Greensboro, NC

- Founding member of company that created Beyond415.com, which:
 - Was the first-in-market SaaS solution for tax issue research and resolution for CPAs and tax practitioners
 - Won multiple industry awards including
 - CPA Practice Advisor's Technology Innovation Award (2011)
 - K2 Enterprises New Product Quality Award (2011)
 - CPA Practice Advisor's Reader's Choice Award (2012)
 - Top New Product - Accounting Today (2012)
- Built & led the design and development team of 4 developers and 3 QA resources

Lead Developer/Architect

September 2008 – July 2009

Effectur, Inc. – Greensboro, NC

- Developed software solutions for tax resolution services. Most of this work was the basis for technologies used at New River Innovation and Beyond415.com.

Senior Developer

August 2007 – September 2008

Center for Creative Leadership - Greensboro, NC

- Developed Web Resources application, an online resource request and assignment system
- Designed and developed the Classroom Toolkit, a Windows application to create participant materials
 - Resulted in productivity gains and cost savings during the preparation phase of CCL events.

Lead Software Engineer/Architect

September 2006 – August 2007

Gilbarco Veeder-Root - Greensboro, NC

- Team Lead for the Passport Architecture Team, which consisted of sub-system team leads.
- Responsible for standardizing global system architecture and developing technology roadmap.
- Directed the implementation of Payment Card Industry (PCI) security standards.
- Directed auditing efforts for PCI compliance.
- Developed and AES encryption and key management processes for existing application.
- Presented PCI Implementation Guidelines and Best Practices training at the inaugural Gilbarco Retail Systems User Conference at the Pinehurst Convention Center in July 2007.

Senior Software Engineer/Architect

February 2001 – August 2006

Gilbarco Veeder-Root - Greensboro, NC

- Network sub-system team lead and member of the design and architecture team.
- Primarily responsible for customer-specific implementations of payment processing applications.
- Re-designed GRIPPS middleware used between POS UI and customer-specific network payment service providers.
- Migrated COM/DCOM interfaces to TCP/IP communications using XML-based command-response-event messaging.
- Architecture provided foundation for multi-network routing.
- Re-designed payment processing architecture using OO design patterns.
- Improved quality and reduced implementation time resulting in an increase of field installations from less than 30 to more than 600 in 2 years.
- Designed and implemented XML back-office application that interfaced to customer's global site management system.
- Trained other engineers on software architecture, development tools, and methodologies.
- Led training program for our first offshoring initiative, a remote development office in Buenos Aires, Argentina.

Software Engineer

August 1998 – February 2001

Gilbarco Veeder-Root - Greensboro, NC

- Led development and testing of customer-specific, embedded, legacy point-of-sale applications for Intel x86 platforms.
- Facilitated customer certification processes and coordinated installation of beta test sites.
- Maintained build environment and source code control system for engineering group of 50 developers.

EDUCATION

University of North Carolina at Greensboro; Greensboro, NC

January 2003 – August 2005

Master of Science - Information Systems and Operations Management

East Tennessee State University; Johnson City, TN

August 1994 – August 1998

Bachelor of Science - Computer Science