Senior Software Developer & Solution Architect

Location: Dallas, TX, USA

- *About Me:* https://www.richardadleta.com/about

- *Resume:* https://www.richardadleta.com/resume

- *GitHub:* https://github.com/radleta

- *LinkedIn:* https://www.linkedin.com/in/radleta

Professional Summary

Senior software architect and full-stack engineer with 20+ years of shipping production code and scaling cloud-native, data-intensive, and AI-powered products. I design and build high-throughput systems—like 25 M-email-per-day pipelines, 80 M-record search platforms, and AI assistants—using C#, .NET 6/8, Angular, React, TypeScript, SQL/NoSQL, and AWS. Known for translating fuzzy requirements into clean, testable code, I champion automation, performance, and observability while staying heads-down in the repo. I thrive as an individual contributor who influences architecture through deep technical expertise and collaborative problem-solving rather than formal management.

Professional Experience

Nexxt, Inc

Lead Architect October 2023 - Present

- Architected and developed scalable AI-driven solutions, including an enterprise AI Assistant used for email composition, web-page building, job postings, and other applications.
- Designed and implemented a flexible integration framework featuring event-driven architecture and robust data-validation mechanisms that support seamless external platform integrations.
- Developed and refined job-title-normalization algorithms with confidence scoring to improve data accuracy and usability across internal systems.
- Built advanced admin interfaces and reporting dashboards that enhanced monitoring, analytics, and administrative capabilities.
- Supported infrastructure enhancements such as new beta environment setup, domain-certification handling, and rigorous testing and deployment processes.
- Coordinated cross-functional teams, provided documentation and status updates, and ensured adherence to development best practices.

Technologies: .NET (C#, ASP.NET MVC, .NET 6), Angular, AngularJS, TypeScript, SQL Server, JavaScript, HTML5, CSS3, AWS Services, Git, Jenkins, RESTful APIs, JSON, OpenAI GPT models.

All Kids Network, LLC

Partner & Principal Engineer
May 2014 - Present

- Hold 40 % equity; co-own all business & technical decisions while working part-time outside primary employment.
- **Admin CMS** - evolved from Node.js + Jade + JavaScript -> ASP.NET MVC + React -> today's React + TypeScript + Tailwind CSS UI backed by C# REST APIs .
- **Public platform** - ASP.NET MVC + Razor app using DynamoDB for data, Redis ElastiCache for caching, S3 for static assets, and a C# Lambda pipeline that feeds Amazon OpenSearch for sub-100 ms queries.
- Protected by AWS Application Load Balancer and AWS WAF against DDoS/OWASP threats; blue-green releases via Elastic Beanstalk.
- Deliver a **weekly newsletter** to 175 K + subscribers over AWS SES + Mailtrain (self-hosted OSS).
- Serve **6.8 M page views and 1.5 M active users** in the past 12 months; third-party trackers corroborate 100 K-160 K monthly visits with peaks of ~52 K daily .
- Host **9 K + educational pages** and maintain a **2.2 M-member** user base; average **30 ms avg server response time** from internal monitoring.
- Manage Git workflows in Bitbucket and scripted, repeatable deployments.

Technologies: ASP.NET MVC, C#, React, TypeScript, Tailwind CSS, AWS (Elastic Beanstalk, ALB, WAF, OpenSearch Service, DynamoDB, Redis ElastiCache, S3, Lambda, SES), Git/Bitbucket.

Steem Monsters Corporation dba Splinterlands

September 2021 - September 2023

Head of Product / Solutions Developer December 2022 - September 2023

- Developed and deployed projects using React, TypeScript, PostGreSQL, DynamoDB, Redis into Amazon Web Services (AWS)
- Assisted the CPO in product design for the Splinterlands collectible card game using HIVE engine blockchain as the backbone

Technologies: React, TypeScript, PostGreSQL, DynamoDB, Redis, Amazon Web Services (AWS).

Chief Technology Officer December 2021 - December 2022

- Helped organize and grow the organization from 20+ to 150+ employees and contractors
- Helped develop technology and product strategy to launch simultaneous products
- Organized and implemented Agile project methodology to the organization
- Attended and presented at Game Developer Conference (GDC) 2022
- Helped design and development of the companies many gaming products

Vice President Of Engineering September 2021 - December 2021

- Helped to troubleshoot and stabilize the company's Splinterlands main product which was failing due to overwhelming load because of its quick rise in success
- Hired and organize developers to grow the engineering team
- Implemented best practices and approaches to its architecture and software development practices
- Leading research and development with the goal of bringing new products and services to the market
- Helped develop and release multiple updates using Git, JavaScript, PostGreSQL, Redis on Amazon Web Services (AWS)

Technologies: Git, JavaScript, PostGreSQL, Redis, Amazon Web Services (AWS).

Nexxt

May 2011 - September 2021

Lead Architect January 2018 - September 2021

- Directed architectural efforts, spearheading the design and rollout of large-scale web applications that supported business objectives.
- Engineered a horizontally scalable email-delivery system capable of sending more than 25 million emails per day while observing throttling and compliance requirements.
- Conceived a grid-computing framework operating on 50+ servers to process diverse data sets in near real-time and adjust to dynamic production loads.
- Implemented near real-time monitoring and tracking for the company's enterprise APIs, enhancing system reliability and responsiveness.
- Oversaw the development and management of a massive Elasticsearch cluster used to index and search approximately 80 million resumes and tens of millions of job listings.

Technologies: Microsoft .NET Core, C#, .NET Framework, ASP.NET MVC, Elasticsearch, Ubuntu, Windows Server, MSMQ, AngularJS, Git, AWS DynamoDB, AWS CloudFront, AWS S3, Microsoft SQL Server, Couchbase, Redis.

Solutions Architect May 2011 - January 2018

- Led the development and modernization of web applications, including a next-generation job-search engine and a full-featured People Search platform with advanced filtering and employer authorization.
- Implemented continuous-integration and automated-deployment pipelines using Jenkins, MS-Build, Web Deploy, and related tooling, enabling frequent and reliable releases.
- Unified disparate Classic ASP and .NET components into consolidated solutions, improving maintainability and deployment efficiency.
- Introduced alert and notification systems with behavioral and keyword-based algorithms, and created diagnostic tools and monitoring hooks for production readiness.
- Guided responsive-design efforts, SEO optimization (structured data, canonical links, sitemaps), and UX improvements that increased organic traffic and user engagement.
- Mentored junior developers, conducted code reviews, and collaborated across teams to troubleshoot production issues and drive architectural decisions.

Technologies: C#, ASP.NET MVC, Classic ASP, JavaScript, jQuery, Bootstrap, Solr, Lucene.NET, SQL Server, Couchbase, Redis, AWS S3 / CloudFront, Jenkins, Mercurial / Git, NUnit, MiniProfiler, Elmah.

Project Management Institute

August 2008 - June 2011

Enterprise Architect / Team Lead June 2009 - June 2011

- Played a pivotal role as an Enterprise Architect, shaping future IT architecture, conducting reviews of existing designs, optimizing IT resource management, and enhancing SDLC processes.
- Led the team overseeing the public eCommerce and Portal websites, catering to a membership base exceeding 300,000 users. The platform harnessed technologies such as Microsoft ASP.NET, SharePoint, BizTalk 2002/2007, Commerce Server, C#/VB .NET, and SQL Server 2000/2005.
- Contributed to the architectural design and organization-wide deployment of the DotNetNuke product.

Technical Lead / Sr. Developer August 2008 - June 2009

- Directed technical aspects of a 12-month Agile Scrum project, completing 5-week iterations successfully. The project utilized SharePoint, Commerce Server, BizTalk, C#/VB .NET Web Apps and Services, and the iBatis.NET Framework.
- Engineered the build process for the entire IT division, employing tools like CruiseControl.NET, SubVersion, and NAnt.
- Successfully implemented Atlassian tools, including Jira for issue tracking, Confluence for wiki documentation, and Fish Eye for source control monitoring.

ATK Elkton

Sr. .NET Developer February 2008 - August 2008

- Spearheaded the creation and migration of multiple .NET-based ERP applications, transitioning from Cincom to Costpoint 6.0. Leveraged technologies including VB.NET, C#.NET, SQL Server (2000 & 2005), and Oracle (8i & 10g).

Chatham Financial Corporation

Feb. 2004 - Jan. 2008

Software Development Process and Infrastructure Department Lead Nov. 2007 - Jan. 2008

- Championed departmental strategies, fostering communication and collaboration for software production improvements.
- Founded and led the Build Automation Group, overseeing the department's build processes, automated testing, and deployment scripts.
- Pioneered the Code Generation Group, enhancing the department's code generation scripts and innovating data access techniques.
- Participated in the Agile Group, refining the department's Agile process implementation.
- Contributed to the Release Management Group, optimizing software release procedures and developer-Q/A interactions.
- Customized a version of BugTracker.NET to support Agile Scrum management, helpdesk, release management, and SAS70 audit compliance.

Architecture/Mentoring Department Lead Jan. 2007 - Jan. 2008

- Co-led departmental software architecture decisions and direction.
- Engaged in cross-team mentoring, ensuring consistent professional growth across the department.

Web Team Lead Mar. 2006 - Oct. 2007

- Oversaw the company's US and UK web presence, internal web applications, and high-value business projects.
- Mentored a team comprising four developers, a Q/A specialist, and a project coordinator.
- Strengthened cross-team collaborations and led Agile Scrum practices, achieving regular 30-day production deliveries.
- Navigated the team through a multi-year migration from ASP to ASP.NET, ensuring timely value additions and fixes.

- Cultivated team expertise, eventually passing leadership to a promising team member for further growth.

Sr. .NET Developer Feb. 2004 - Mar. 2006

- Executed extensive projects using VB.NET, C#.NET, Microsoft Office 2003, SQL Server Reporting Services, and SQL Server 2000.
- Managed end-to-end development processes, from requirements to deployment.
- Introduced the company's inaugural automated build scripts, which became a departmental standard.
- Developed custom data entities and access layers using Code Smith Templates, forming the foundation for the company's core business/data layers.
- Collaborated intensively with Business Teams, producing intricate financial reporting software across various platforms.

Exelon Power Team

.NET Developer January 2003 - February 2004

- Played an integral role in a large-scale .NET project focused on Power Trading, utilizing C# .NET, T-SQL, SQL Server, XML, ASP.NET, .NET Web Services, and .NET Remoting.
- Led the management and development of multiple business-focused ASP .NET web applications, leveraging technologies such as VB6, ASP, C# .NET, T-SQL, SQL Server, XML, and ASP.NET.

MiraTech Consulting Group, Inc

.NET Developer September 2002 - January 2003

- Efficiently juggled multiple projects, concurrently managing a minimum of five with distinct technologies and timelines.
- Developed and supported a variety of applications, utilizing ASP, ASP .NET, SQL Server 2000, Visual Basic 6, Visual Basic .NET, and XML/XSLT.
- Engineered an XML/XSLT-based reporting system that interfaced with a SQL Server 2000 database, harnessing the capabilities of ASP .NET and Visual Basic .NET.
- Augmented functionality for an existing Dialogic phone board application using Visual Basic 6 and SQL 2000.

AppsChannel, Inc

.NET Developer January 2002 - August 2002

- Engineered integrated add-ins tailored for Microsoft Visual Studio .NET, fully leveraging its capabilities.
- Acquired comprehensive expertise in the Visual Studio .NET IDE, covering the entire spectrum from application development to deployment.
- Delved deep into the development with .NET assemblies, particularly harnessing the power of Reflection.
- Demonstrated proficiency in both Visual Basic .NET and C# .NET development.
- Contributed to the support and enhancement of ActiveX Libraries, interfacing with COM using Visual Basic 6.0.

Baker Oil Tools

DMS Systems Programmer August 2001 - January 2002

- Spearheaded the installation, development, and troubleshooting of Documentum, an enterprise document management system, across multiple global locations including Aberdeen (Scotland), Tulsa (OK, USA), Houston (TX, USA), Lafayette (LA, USA), Houma (LA, USA), and Singapore.
- Crafted and maintained integrated MS Office applications leveraging Visual Basic and Visual Basic for Applications.
- Designed and supported web-based document management integrations utilizing Active Server Pages and COM Components.
- Expertly developed and rectified integrated document management applications harnessing MS Visual Basic 6.0.
- Assumed responsibility for troubleshooting and administration across multiple international servers, operating on MS NT Server.

Network for Strategic Missions

Lead Programmer March 1999 - April 2001

- Headed the installation and technical troubleshooting for the organization's MS Windows-based infrastructure.
- Orchestrated the design, development, and launch of multiple web projects, leveraging technologies such as HTML, PHP, ASP, Postgre SQL, VBScript, Microsoft Access, and JavaScript.
- Established and maintained several relational databases hosted on a Linux-based Apache server utilizing Postgre SQL.
- Pioneered web interface and design aesthetics with Corel Graphics Suite 9, ensuring user-friendly and visually appealing experiences.

Project Highlight: livethecall.com (beta release)

- Played a pivotal role as the lead designer for the site's inaugural release on September 2, 2000, supporting a major marketing campaign targeting a live audience of over 300,000 at the Mall in Washington, D.C.
- Authored the foundational code and graphics, harnessing PHP, HTML, Postgre SQL, and Corel Graphics Suite 9.
- Conceived and realized the website's multi-faceted functionality, accommodating thousands of member preferences, a vast library of articles and links, an interactive forum, and other vital site components.

Family Mission/Vision Enterprises

Information Systems Administrator / Sales Representative February 1995 - August 1997

- Represented the organization as a Sales Representative at over 20 conferences across the continental US, fostering relationships and promoting products.
- Oversaw the installation, diagnostics, and maintenance of the organization's MS Windows peer-to-peer network, ensuring smooth and uninterrupted operations.
- Led the initiative to launch the organization's online catalog, utilizing HTML for a seamless and user-friendly experience.

PC Consulting

Independent Consultant Jan. 1993 - Feb. 1995

- Conducted MS Windows 3.x/95/98 troubleshooting on IBM PCs for individuals.
- Performed IBM PC diagnostics and repairs.
- Represented several wholesalers by offering hardware and software at retail to potential customers.

Open Source Contributions

Open Flash Chart

http://teethgrinder.co.uk/open-flash-chart/

- Submitted alpha of .NET API for Flash Charting Component currently included with Zip distribution

NAntContrib

http://nantcontrib.sourceforge.net/

- Submitted VssDelete task

Copy Context

- Contributed to the development of a VS Code extension for copying selected files as formatted markdown.

Education

Master of Business Administration (MBA) Coursework

Regent University | Virginia Beach, VA August 2000 - May 2001

- Completed one year of coursework with an emphasis in e-Business and Organizational Change and Development

Bachelor of Science in Business Administration

Oral Roberts University August 1997 - December 2002

- Achieved a cumulative GPA of 3.49.
- Coursework included a comprehensive foundation in business management and operations.
- Advanced computer courses undertaken:
  - Introduction to Computers (C++): Achieved one of the top grades in class.
  - Data Structures (C++): Secured exemplary performance.
  - Computers and Programming (Assembly Language): Demonstrated strong proficiency, ranking among the highest in class.

Certifications

Dale Carnegie Course

Summer 2005

Microsoft Certified Solutions Developer with C# (MSCD)

Summer 2005

Certified PC Troubleshooter

Apr. 2000, NRI Schools

- Completed certification with High Honors

Certified in eCommerce Concepts

Jan. 2000, Brainbench.com