Richard Adleta

# Richard Adleta - Senior Software Architect & Full-Stack Engineer

## 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. Known for translating fuzzy requirements into clean, testable code, championing automation, performance, and observability.

## Experience

### Lead Architect | Nexxt

Oct 2023 - Present

Architected and developed scalable AI-driven solutions and integrations.

* Developed enterprise AI Assistant for email composition, web-page building, and job postings
* Designed event-driven integration framework with robust data-validation mechanisms
* Implemented job-title-normalization algorithms with confidence scoring
* Built advanced admin interfaces and reporting dashboards
* Supported infrastructure enhancements, including beta environment setup and domain-certification handling

**Skills:** .NET, ASP.NET MVC, C#, Angular, AngularJS, TypeScript, SQL Server, T-SQL, Git, Jenkins, RESTful APIs, OpenAI GPT, Event-Driven Architecture, Data Validation

### Partner & Principal Engineer | All Kids Network

May 2014 - Present

Co-owned business and led end-to-end development of a high-traffic educational platform.

* Served 6.8M page views annually, with 2.2M-member user base
* Built CMS with React, TypeScript, and RESTful C# APIs
* Enabled search via AWS Lambda → OpenSearch pipeline
* Maintained blue-green deployments on AWS Elastic Beanstalk
* Delivered weekly newsletter to 175K+ subscribers using AWS SES

**Skills:** .NET, C#, ASP.NET, React, TypeScript, Tailwind CSS, AWS, Git, DynamoDB, OpenSearch, Lambda, SES, Elastic Beanstalk, S3, CloudFront, CloudFormation, Route 53, WAF, ALB, CloudWatch, MySQL, Redis

### Head of Product / Solutions Developer | Splinterlands

Dec 2022 - Sep 2023

Developed and deployed projects for the Splinterlands collectible card game.

* Developed and deployed projects using React, TypeScript, PostgreSQL, DynamoDB, Redis, and AWS
* Assisted in product design using HIVE engine blockchain

**Skills:** React, TypeScript, PostgreSQL, DynamoDB, Redis, AWS, HIVE Engine Blockchain

### Chief Technology Officer | Splinterlands

Dec 2021 - Dec 2022

Helped grow the organization and launch simultaneous products.

* Scaled the organization from 20+ to 150+ employees and contractors
* Developed technology and product strategy for multiple gaming products
* Presented at Game Developer Conference (GDC) 2022

**Skills:** Blockchain Technology, Web3, NFTs, Cryptocurrency, Decentralized Applications (dApps), Smart Contracts, Game Development, Web Development

### Vice President Of Engineering | Splinterlands

Sep 2021 - Dec 2021

Stabilized the company’s main product and grew the engineering team.

* Troubleshot and stabilized Splinterlands during rapid growth
* Hired and organized developers to expand the engineering team
* Implemented best practices for architecture and software development

**Skills:** Git, JavaScript, PostgreSQL, Redis, AWS, EC2, WAF

### Lead Architect | Nexxt

Jan 2018 - Sep 2021

Directed architectural efforts for large-scale web applications.

* Engineered a horizontally scalable email-delivery system for 25M+ emails/day
* Built a grid-computing framework operating on 50+ servers
* Developed an Elasticsearch cluster for 80M+ resumes and job listings
* Enhanced enterprise API monitoring and tracking

**Skills:** .NET, C#, Elasticsearch, AWS, Redis

### Solutions Architect | Nexxt

May 2011 - Jan 2018

Modernized web applications and implemented CI/CD pipelines.

* Led development of a next-generation job-search engine
* Unified Classic ASP and .NET components into consolidated solutions
* Introduced alert systems and diagnostic tools for production readiness

**Skills:** .NET, C#, SQL Server, Classic ASP, CI/CD Pipelines

### Enterprise Architect / Team Lead | Project Management Institute

Jun 2009 - Jun 2011

Led architecture reviews, team leadership, and major IT platform development for 300,000+ user base.

* Shaped future IT architecture and optimized SDLC processes
* Led public eCommerce and portal sites development
* Designed and deployed DotNetNuke organization-wide

**Skills:** .NET, C#, ASP.NET, SharePoint, BizTalk, Commerce Server, SQL Server, DotNetNuke

### Technical Lead / Sr. Developer | Project Management Institute

Aug 2008 - Jun 2009

Directed Agile Scrum projects and improved build processes.

* Completed 5-week Agile sprints with .NET, SharePoint, BizTalk
* Implemented Atlassian suite (Jira, Confluence, FishEye)
* Built division-wide CruiseControl.NET automation

**Skills:** .NET, C#, SharePoint, BizTalk, CruiseControl.NET, Jira, Confluence, FishEye

### Sr. .NET Developer | ATK Elkton

Feb 2008 - Aug 2008

Migrated ERP systems and developed .NET applications.

* Transitioned from Cincom to Costpoint 6.0
* Worked with VB.NET, C#.NET, Oracle, and SQL Server

**Skills:** .NET, C#, VB.NET, SQL Server, Oracle

### Software Development Process and Infrastructure Department Lead | Chatham Financial

Nov 2007 - Jan 2008

Directed process and automation groups in software development.

* Founded Build Automation and Code Generation groups
* Enhanced Agile and Release Management processes
* Customized BugTracker.NET for Agile and compliance needs

**Skills:** .NET, C#, VB.NET, SQL Server, Build Automation, Code Generation, Agile Processes, Release Management

### Architecture/Mentoring Department Lead | Chatham Financial

Jan 2007 - Jan 2008

Co-led software architecture direction and mentoring initiatives.

* Mentored developers across teams
* Guided long-term architectural strategy

**Skills:** Mentoring, Software Architecture

### Web Team Lead | Chatham Financial

Mar 2006 - Oct 2007

Led web team for US/UK platforms with Agile execution.

* Oversaw web strategy and team of 6
* Led multi-year ASP to ASP.NET migration

**Skills:** .NET, C#, ASP.NET, SQL Server, Agile, ASP to ASP.NET Migration

### Sr. .NET Developer | Chatham Financial

Feb 2004 - Mar 2006

Delivered full lifecycle financial reporting and automation tools.

* Developed custom reporting and code-gen tools
* Implemented company-wide build scripts

**Skills:** .NET, C#, Custom Reporting, Code Generation, Build Scripts

### .NET Developer | Exelon Power Team

Jan 2003 - Feb 2004

Supported power trading systems using full Microsoft stack.

* Worked on .NET Web Services and Remoting
* Built ASP.NET and C# web applications

**Skills:** .NET, C#, ASP.NET, SQL Server, XML, .NET Web Services, .NET Remoting

### .NET Developer | MiraTech Consulting Group

Sep 2002 - Jan 2003

Consulted across multiple simultaneous projects.

* Created XML/XSLT SQL report systems
* Enhanced Dialogic telephony apps with VB6

**Skills:** .NET, C#, ASP.NET, SQL Server, VB.NET, VB6, XML, XSLT, Dialogic Telephony

### .NET Developer | AppsChannel

Jan 2002 - Aug 2002

Built Visual Studio .NET extensions and COM integrations.

* Used Reflection in .NET assemblies
* Maintained ActiveX libraries in VB6

**Skills:** .NET, C#, VB.NET, ActiveX, COM, Reflection

### DMS Systems Programmer | Baker Oil Tools

Aug 2001 - Jan 2002

Installed and supported Documentum systems worldwide.

* Integrated Office and web apps with Documentum
* Supported multiple international server environments

**Skills:** Documentum, Visual Basic, VBA, ASP, COM

### Lead Programmer | Network for Strategic Missions

Mar 1999 - Apr 2001

Built full-stack web platforms and Linux-hosted databases.

* Built PostgreSQL-backed websites with PHP and ASP
* Led livethecall.com launch for 300,000+ campaign

**Skills:** PHP, ASP, PostgreSQL, HTML, JavaScript

### IS Admin / Sales Representative | Family Mission/Vision Enterprises

Feb 1995 - Aug 1997

Sales and IT management at conferences and internal operations.

* Maintained Windows peer-to-peer network
* Launched company’s first online catalog

**Skills:** Windows Networking, HTML

### Independent Consultant | PC Consulting

Jan 1993 - Feb 1995

Provided IBM PC troubleshooting and retail hardware/software solutions.

* Performed hardware diagnostics
* Represented wholesalers at local markets

**Skills:** Hardware Diagnostics

## Education

### MBA Coursework in e-Business and Organizational Change

**Regent University** | 2000 - 2001

### Bachelor of Science in Business Administration

**Oral Roberts University** | 1997 - 2002 | GPA: 3.49

## Certifications

* Dale Carnegie Course (2005-06)
* Microsoft Certified Solutions Developer (MCSD) (2005-06)
* Certified PC Troubleshooter, NRI Schools (2000-04)
* Certified in eCommerce Concepts, Brainbench.com (2000-01)

## Projects

* **Open Flash Chart**: .NET API for Flash Charting Component [Link](http://teethgrinder.co.uk/open-flash-chart/)
* **NAntContrib**: Submitted VssDelete task [Link](http://nantcontrib.sourceforge.net/)
* **Copy Context**: VS Code extension for copying selected files as formatted markdown

## Skills

### Backend

C#, ASP.NET MVC, .NET 6, .NET 8, Lambda, Elasticsearch, DynamoDB, SQL Server

### Frontend

React, Angular, TypeScript, Tailwind CSS, JavaScript, HTML5, CSS3

### DevOps & Cloud

AWS, Elastic Beanstalk, WAF, S3, ALB, Git, Jenkins, Bitbucket

## Additional Information

* *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>