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
- **NAntContrib**: Submitted VssDelete task Link
- **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