

Richard Adleta - Senior Software Architect & Full-Stack Engineer

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Professional Summary

Senior software architect, full-stack engineer, and technology entrepreneur with 20+ years of shipping production code and scaling cloud-native, data-intensive, and AI-powered products. Co-founder of educational technology startup while actively contributing to open-source tooling and AI integration projects. Known for translating fuzzy requirements into clean, testable code, championing automation, performance, and observability.

Experience

Forty-Two Ink, LLC (May 2025 - Present)

- **Co-Founder & Technical Lead** (May 2025 - Present) - Co-founding educational technology company building specialized scheduling and compliance software for K-12 schools. Leading full-stack development using modern technologies with focus on clean architecture, type safety, and scalability.

All Kids Network (May 2014 - Present)

- **Partner & Principal Engineer** (May 2014 - Present) - Co-owned business and led end-to-end development of a high-traffic educational platform using React, TypeScript, .NET, C#, and AWS cloud infrastructure. Managed scalable systems serving millions of page views annually.

Nexxt (May 2011 - Aug 2025)

- **Lead Architect** (Oct 2023 - Aug 2025) - Architected and developed scalable AI-driven solutions and integrations using .NET, C#, Angular, and TypeScript. Specialized in event-driven architecture, OpenAI GPT integration, and AWS cloud services.
- **Lead Architect** (Jan 2018 - Sep 2021) - Directed architectural efforts for large-scale web applications using C#, .NET, ASP.NET, AngularJS, SQL Server, and Elasticsearch. Engineered grid computing and high-volume processing systems handling millions of transactions daily.

- **Solutions Architect** (May 2011 - Jan 2018) - Modernized web applications and implemented CI/CD pipelines using .NET, C#, ASP.NET MVC, AngularJS, SQL Server, and AWS. Led development of next-generation search technologies and production monitoring systems.

Previous Experience

Positions at 11 more companies dating back to 1993 are available upon request.

Education & Certifications

Education: MBA Coursework in e-Business and Organizational Change, Bachelor of Science in Business Administration

Certifications: Dale Carnegie Course (2005), Microsoft Certified Solutions Developer (MCSD) (2005), Certified PC Troubleshooter (2000), Certified in eCommerce Concepts (2000),

Skills

Core Programming & Development: C#, .NET, .NET Core, .NET Framework, .NET Standard, .NET 6, .NET 8, LINQ, TypeScript, JavaScript, REST APIs, RESTful APIs, JSON, XML, Webhooks, PowerShell, Bash, VB.NET, Code Generation, Windows Services, xUnit, NUnit, NCover, Automated Testing

Frontend Technologies: React, Angular, AngularJS, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap, LESS, jQuery, AJAX, Schema.org, SEO Optimization, Web Development, Google Analytics, Google Webmaster Tools, Google AdSense

Backend & Server Technologies: ASP.NET MVC, ASP.NET Core, ASP.NET Razor, ASP.NET Web API, ASP.NET, Windows Services, API Integration, Authentication/Authorization, OAuth, IIS, Linux, Ubuntu, HAProxy, MSMQ, Event-Driven Architecture, .NET Web Services, .NET Remoting, BizTalk, Commerce Server, Classic ASP

Data Management: SQL Server, T-SQL, PostgreSQL, MySQL, DynamoDB, Redis, Elasticsearch, OpenSearch, Couchbase, RavenDB, MongoDB, Lucene, Solr, Neo4j, Oracle, InfluxDB, AWS ElastiCache, AWS Redshift, AWS CloudSearch, Data Migration, Data Validation

Cloud & Infrastructure: AWS, AWS Lambda, AWS S3, AWS CloudFront, AWS Elastic Beanstalk, AWS DynamoDB, AWS CloudWatch, AWS SES, AWS Route 53, AWS WAF, AWS EC2, AWS SNS, AWS EMR, AWS DataSync, Azure, Azure DevOps, CI/CD Pipelines, Git, GitHub, Jenkins, Bitbucket, Ansible, DevOps, Build Automation, CruiseControl.NET, MSBuild, NAnt, Web Deploy, Infrastructure Management, Nagios, NagiosXI, Kinesis

Architecture & Performance: Software Architecture, Enterprise Architecture, Enterprise Systems Design, Event-Driven Architecture, Microservices, Scalable Systems, High-Volume Processing, Grid Computing, Performance Tuning, Software Development Life Cycle (SDLC), Code Generation, Process Improvement, Technical Documentation, Algorithm Design

Specialized Technologies & Domains: OpenAI GPT, Machine Learning Integration, Confidence Scoring, HIVE Engine Blockchain, Web3, NFTs, Cryptocurrency, Decentralized Applications (dApps), Smart Contracts, Blockchain Technology, Game Development, Game Design, Game Monetization, Game Analytics, SharePoint, Documentum, DotNetNuke, PHP, Costpoint, ERP Systems, VB6, Visual Basic, ActiveX, COM, COM Interop

Leadership & Project Management: Team Leadership, Technical Leadership, Executive Leadership, Mentoring, Cross-team Coordination, Strategic Planning, Succession Planning, Requirements Gathering, Product Management, Agile, Scrum, Scrum Master, Release Management, Trello, Jira, Confluence, FishEye, Microsoft Teams

References

“I’ve had the privilege of working with Richard Adleta for over 10 years at Nexxt, and during that time, he’s consistently demonstrated the kind of technical leadership and versatility that any engineering team would be lucky to have. Richard bring...” more

— Bill Rybinski, Director of Technology at Nexxt, Inc.

Read more references on the full resume.

Additional Information

Full, annotated resume available at richardadleta.com/resume/full.