

# VITALIY RAZHANSKIY

## TECHNICAL LEAD & SOFTWARE ENGINEER

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### PROFILE

Forward-thinking and quality-driven hands on **Technical Lead** with 15 years of **Software Engineering** experience in the **FinTech** and software development industries. Extensive experience providing technical expertise while **Leading Teams** through all phases of the SDLC, from requirement gathering to deployment. Specialization in **Agile Methodology**, as well as implementing and managing **Continuous Integration** and **Continuous Deployment** techniques. Passionate about experimenting with new technologies and following emerging trends, as demonstrated by numerous personal development projects. Enjoys working with multi-faceted software engineers who value clean, simple code and resilient architectures.

.NET | ASP.NET | WebAPI | SignalR | Web Forms | JavaScript | Angular 2 | Entity Framework | Dapper  
LLBLGen Pro | Hibernate | Jenkins 2 | Bamboo | TeamCity | Octopus Deploy | T-SQL | SQL Server | Redis  
EF Code First | WPF | WCF | MongoDB | jQuery Mobile

Financial Risk Reporting Systems | Financial Trading Applications | Full-Stack Development  
Quality Assurance | SaaS Solutions | Technical Architecture | Continuous Integration  
Continuous Deployment | Process Improvement | Agile | Six Sigma Methodology | Offshore Team Management

### PROFESSIONAL EXPERIENCE

#### **VP- Technical Lead & Software Engineer**

*September 2012 - Present*

**AQR Capital Management**- Greenwich., CT

**AQR Capital Management** is a \$200B global investment firm that offers a variety of quantitatively driven alternative and traditional investment vehicles to both institutional clients and financial advisors. As a Software Engineer & Technical Lead, I provide technical leadership within a collaborative Agile team that designs, develops, and maintains multiple trading support applications. My daily activities include:

- Developing applications while leading the Enterprise Development team which is responsible for:
  - **AQRAlerts**- An internal subscription/publish system that is integrated with a cloud based rotation and escalation notification system which allows IT systems to send text, mobile, and voice two-way notifications to users (AngularJS, WebAPI, SignalR, PGM Messaging, EF Code First, Redis)
  - **AQR Configuration Framework**- Flexible framework for centralized application configuration management (Angular 2.0, EF Code First, WebAPI, TeamCity, Octopus Deploy)
  - **DevOps Tools** - Multiple tools to support IT Development operations. Such as Approvals, Continuous Integration, Deployment and Testing. (Angular 2, WebAPI, Powershell, NetScaler API)
  - **Task Workflows**- 50+ business workflows, including Purchase Orders, Vendor Management, Trading Violations, and Fee Approvals, which allow AQR to support front and back office operations at a fraction of the cost
- Conducting buy vs build analysis, executing vendor technical reviews, and evaluating the security of both cloud and on-premise SaaS solutions

#### Notable Achievements

- Pioneered the company's transition to modern automated build and deployment practices using Bamboo/ Jenkins and internal NuGet and Symbol servers
- Spearheaded the design, build, and implementation of AQRAlert, which increased employee's productivity and workflow efficiency by eliminating hundreds of thousands of emails from their inboxes

#### **Chief Architect**

*April 2010 – September 2012*

**Delta Hedge Systems/ Xios Technologies** – Jersey City, NJ

**Delta Hedge Systems** is a software development organization that builds real-time risk reporting systems for hedge funds and asset managers. As the Chief Architect & original Software Engineer, I provided technical expertise for the development of real-time risk reporting and portfolio management systems. My daily activities included:

- Defining the project scope and working with internal and external stakeholders to write technical and functional requirements
- Designing the technical architecture for a multi-tier, multi-channel real-time reporting platform

- Utilizing WPF, WCF, .NET, SQL Server, MongoDB, Entity Framework 4.1, and jQuery Mobile to develop the real-time reporting platform
- Integrating the platform with multiple clearing companies, order management systems, execution management systems, market data providers, and third-party financial reporting systems
- Facilitating sales meetings and client demos, as the technical SME

#### Notable Achievements

- Architected a fixed income platform, in collaboration with Xios Technologies' engineers, which analyzed large multi-source structured and unstructured data sets
- Spearheaded the introduction and utilization of continuous integration and continuous deployment techniques

### **Engineering Manager**

*May 2007 – April 2010*

**Clayton Holdings** – Shelton, CT

*Clayton Holdings* is a premier global provider of mortgage and real estate risk management solutions. As the Engineering Manager, I managed a team of 4 onshore and 4 offshore developers who were responsible for multiple ongoing development projects. My daily activities included:

- Utilizing six sigma DMAIC methodologies to improve and stabilize processes for a Credit Risk Management project
- Implementing agile development, continuous integration, and continuous deployment techniques to improve team performance, enhance productivity levels, and increase product quality

#### Notable Achievements

- Migrated 7 million mortgagees, which encompassed terabytes of data, into a new database and .NET application

### **Team Lead & Software Developer**

*June 2000 – May 2007*

**Intuit (formerly EmployeeMatters.com)** – Stamford, CT

*Intuit* is an industry leader in financial products and services. As the Team Lead, I managed the SDLC for multiple ongoing projects. My daily activities included:

- Managing multiple development projects simultaneously, throughout the entire SDLC
- Utilizing Java, JSP, Struts, Toplink, Webservices, and Oracle DB to design and deploy a direct deposit application

#### Notable Achievements

- Spearheaded the Unit Test Framework which eliminated 99% of code defects and facilitated seamless regression testing
- Produced a streamlined interface and improved the logic for customer application processes which successfully decreased the task time from 2 hours to 20 minutes
- Developed a Java application that generated valid ACH files based on stored Oracle data which significantly decreased the direct deposit processing times

### **Sr Software Developer**

**Cambridge Technology Partners** – New York, NY

As a Sr Software Developer at *Cambridge Technology Partners*, I developed a Merrill Lynch product that enabled connectivity with clients, utilizing a Java/ COBRA front-end and UNIX back-end.

### **Software Developer**

**PaineWebber** – New York, NY

As a Software Developer at *PaineWebber*, I utilized JavaScript, JConnect, and SQL to develop an allocation system that was used by traders and was earmarked for use in ticketless trading. I also utilized Visual C++, DBTools, and ZApp to develop a single-order entry system that was utilized by domestic and foreign branches.

## EDUCATION

### **Bachelor of Arts Degree in Computer Science & Mathematics**

**New York University** – New York, NY