

Darryl Challenger

.NET Engineer/Developer

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[Portfolio](#) • [LinkedIn](#) • New York, NY

Methodical .NET Software Engineer and Software Development Manager with a strong focus on cloud technologies, process automation, and full-stack development. Proven success in delivering scalable and efficient solutions for financial services and small businesses, enhancing productivity, and improving user experiences. Extensive expertise in C#, .NET, Azure, system architecture, and multiple front-end and back-end technologies. Skilled in project management and leading cross-functional teams through complex development cycles, with a track record of delivering projects on time and within budget.

Areas of Expertise

- Full Stack Development
- Project Management
- CRM Implementation
- Production Support
- Cloud Infrastructure (Azure)
- System Architecture & Integration
- Data Synchronization
- Team Leadership
- Process Automation & Optimization
- Wealth Management Systems
- Software Development Life Cycle

Professional Experience

Darryl Challenger Technology Solutions, New York, NY
Principal Software Engineer | President

2017 – Present

Lead the development of various technology solutions tailored to diverse business needs as Full Stack Developer and Project Manager. Oversee the full lifecycle of projects from initial planning to deployment, assuring alignment with client objectives and efficient use of resources.

- Sports Cards Forever:** Implemented a comprehensive suite of ERP tools integrated with eBay to automate manual processes using C#, .NET Core, and Entity Framework. Enhanced inventory management by implementing an AI-based feature to automate card addition, cutting listing time by over 50%. Improved sales cycles through automated prospecting and real-time data retrieval from sports card collector repositories and rating agencies, significantly boosting weekly listings and sales.
- NBHD Brulee:** Designed and launched a website for a local coffee shop, establishing its online presence and setting up profiles on Bing Places and Google Business. Collaborated with stakeholders to optimize site functionality and marketing strategies.
- Neighborhood Pest Control:** Created a landing page for a local pest control business, enhancing web presence and customer engagement.
- Super Juice Calculator:** Developed a personal project to calculate recipes for citrus juices, showcasing expertise in Angular and TypeScript.
- Pink Hub (On hold):** Acted as CTO for a startup aimed at supporting women through the breast cancer journey. Built a platform for content management using C#, .NET Core, Entity Framework, and Umbraco headless CMS. Developed an integrated survey builder for client feedback using Blazor. Designed the site layout, SVG-based color palette, and LinkedIn business page.

Morgan Stanley, New York, NY
Delivery Manager, Architect, & Project Manager - Wealth Management CRM

2010 – 2016

Led projects focused on enhancing financial advisor efficiency and user experience through strategic project management, application design, and resource optimization. Hired and managed a high-performing team of technical staff, overseeing development, testing, implementation, and support. Directed cross-functional collaboration with architects, DB teams, and external vendors to ensure seamless delivery of projects aligned with business goals. Managed technical documentation, maintained system availability, and ensured on-time project completion within budget.

- Designed and implemented Exchange Sync system, processing over 2M daily subscriptions and creating or modifying 1M items monthly with 24x7 availability and real-time synchronization between Exchange and 3D Advisor Desktop.

- Reduced development team size from 40 to 16 while improving project delivery efficiency through service-oriented architecture (SOA) and multi-threading strategies.
- Led the integration of NexJ Contact Relationship Management system into 3D Broker Desktop, assuring over 99% system availability and timely consumption of 30K client records daily.
- Improved CRM performance by collaborating with vendors to optimize batch processing and database logic, enhancing system stability and efficiency.
- Directed data migration for 14M contact records, improving financial advisor adoption rates and user experience during the transition from NexJ to an in-house CRM system.

Education

Bachelor of Arts in Computer Science (Software Verification & Artificial Intelligence)

Hunter College, New York, NY

Technical Proficiencies

C# | .NET Core | ASP.NET | .NET Framework | Entity Framework | Razor | Blazor | Azure | Azure SQL | Azure DevOps | Azure Entra (Azure AD) | Azure Document Intelligence | Azure Cognitive Services | OpenXML | JSON | XML | jQuery | Bootstrap | REST API | eBay API | Amazon API | Shipstation API | Stripe API | PayPal API | SquareUp API | Excel | Google Scripts | Selenium | MVVM | Angular | TypeScript | Umbraco Headless CMS | React | Microsoft SQL Server | DB2 | NexJ CRM | SOA | MS Project | AWS | Alexa | Web3 | Solidity | HTML5 | CSS | JavaScript | Microsoft Office | Visio | Google Workspace