

Kyle Romero

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SUMMARY

Hands-on and results-driven software engineering leader, specializing in management, full-stack development, digital transformation, software architecture, DevOps, and Agile methodologies. Proven track record of delivering scalable, business-aligned solutions, optimizing development operations, and mentoring high-performing teams.

EXPERIENCE

Team Lead

Tenna (Construction B2B SaaS Startup | 150 Employees)

October 2025 - Present, Jersey City, NJ (remote)

- **Summary:** Tenna Online is a construction-industry SaaS platform offering real-time GPS, BLE and IoT asset tracking to manage fleets, schedule maintenance, and improve utilization across mixed equipment operations.
- **Role:** Led Software Development Team focused on Product Development, Enhancement, and Release Management.
- **Tech Stack:** AWS, GitHub, K8s, Helm, RabbitMQ, Redis, Docker, FluxCD (GitOps), SingleSpa (Micro-UI), React, Redux, Elasticsearch, Postgres, Papertrail, Grafana.

Contractor

Dexian (Staffing, IT Services, and Workforce Solutions | 12k Employees)

March 2025 - Present, Jersey City, NJ (remote)

- **Client:** Deloitte Consulting | **Contract:** 03/2025 - 10/2025 | **Title:** Technical Lead (Back End).
- **Role:** Short-term contract with focus on API Development, Data Integration, and Cloud Architecture.
- **Tech Stack:** Azure Cloud, Containerized Node Express API (Azure App Services), .NET Microservices (Azure Functions), Angular F.E., SAP / CC&B B.E., Tibco + Boomi Data Integrations, Redis Cache, CosmosDB, MS-SQL DB (Azure), Azure DevOps, Confluence.
- **Project:** A mission-critical customer-facing product with 1000's of daily users at a major Energy Industry company headquartered in Chicago.

Director of Software Development

Raymour & Flanigan (Retail Industry | 5k Employees)

March 2023 - May 2024, Jersey City, NJ (remote)

- **Role:** Led Software Development Organization. Oversaw architectural strategy + decisions and designed / implemented modern UI, API, and Data Integration architecture.
- **Org. Size:** 3 Managers (AppDev Team, Oracle Team, Data Integrations / API Team), 4 Architects, 30 Developers (internal, near, offshore off shore resources. Direct Reports = Managers / Architects).
- **Tech Stack:** React, .NET (C#, UWP, ASP.NET Core), SQL Server, Oracle DB, Azure, AWS, Windows Server, Git (Azure DevOps), Boomi, Snowflake.
- **Initiatives:** ERP Migration to NetSuite, WMS Migration to Körber, Omnichannel Sales Experience via E-Commerce Site, 3rd Party API Integrations (ChargeAfter, Bringg).
- Defined and implemented organizational strategy (1 and 5 year), goals (OKRs), processes (Agile, DevOps), 24/7 support strategy, and coding/review standards.
- Aligned cross-functional teams within matrixed IT organization and coordinated with infrastructure, product management, BI, design, and e-commerce organizations.
- Negotiated and managed development partner (near-shore / on-shore), vendor contracts/resources, and organizational budget, which resulted in YoY cost reduction of 40%.

Director of Software Development

MEARS Group, A Quanta Services Company (Energy Industry | 2.5k Employees)

October 2017 - March 2023, Jersey City, NJ (remote)

- **Role:** Managed Software Development Team. Acted as Hands-on Technical Lead, performing Requirements Discovery (in conjunction with PM), Architecture, Design, Development (Full-Stack Coding), QA, DevOps, and Production Support. Also administered various systems such as On-Prem Windows Servers, Azure DevOps, and Azure subscription.
- **Team Size:** 4 Developers, 1 PM, 7 Offshore (100% remote team, Direct Reports = FTE Developers and PM).
- **Tech Stack:** .NET (C#, ASP.NET Core, Blazor), SQL Server, SQLite3, Azure / Windows Server, JavaScript (Angular / Node / Electron), Git, PowerBI, PowerAutomate, Java (Spring Boot).
- **Project:** Mission Critical SOX-compliant and high-availability internally developed Revenue/Time/Equipment Field Capture solution, used by over 700 field construction crews across the U.S. and which sped up the closing process by 75%.
- **Titles:** Manager (2017 - 2020), Senior Manager (2020 - 2021), Director (2021 - 2023).
- Traveled to various U.S. locations to roll out applications and lead Change Management (25% travel).
- Implemented and trained organization on DevOps, CICD, Agile Scrum, Kanban, GitFlow, and QA processes, which increased delivery speed by 50%.

Team Lead

Worldwide Machinery (Construction Industry | 60 Employees)

April 2016 - October 2017, Houston, TX

- Led internal software development team (3 internal and 5 contract developers) and reported to co-owner of company.
- Full-stack development which delivered mission-critical asset management software (desktop, mobile, and web) that managed \$300mil worth of heavy machinery assets.
- Built mobile-first SPA to enable employees to utilize real-time telemetry on machinery assets.

Technical Lead

HP Inc. (Consumer Electronics Industry | 50k Employees)

December 2011 - February 2016, Houston, TX

- Designated as technical lead over mission-critical third level support tool with 10k+ global users.
- Full-stack development delivering 3-tier web applications using .NET, MS SQL, and JavaScript.
- Led logical split and cloning of system during HP's split into HPE and HP Inc..
- **Titles:** Senior Developer (2011 - 2013), Technical Lead (2013 - 2016).

EDUCATION

Bachelor of Science in Computer Engineering

Texas Tech University • Lubbock, TX