

Kyle Romero



Software Engineering Leader

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01 PROFILE

IT Leader with 17 years in IT (10 years as a full-stack developer and 7 years in software development management), living in the NYC Metro Area. Looking for the next opportunity to lead a development organization to success, maximize business value, and provide great user experiences. Skilled at bridging the communication gap between technical and non-technical personnel. Adherent to servant leadership and continuous improvement.

Open to: Manager, Senior Manager, and Director roles (In-Office, Hybrid, or Remote).

02 TIMELINE

Director of Software Development, Raymour & Flanigan

Mar 2023 - May 2024

Director of Operations Technology, MEARS Group

Apr 2021 - Mar 2023

Senior Manager of Operations Technology, MEARS Group

Mar 2020 - Apr 2021

Manager of Operations Technology, MEARS Group

Oct 2017 - Mar 2020

Team Lead / Senior Software Developer, Worldwide Machinery

Apr 2016 — Oct 2017

Technical Lead (IT Developer / Engineer III), HP

Dec 2013 — Feb 2016

Senior Developer (IT Developer / Engineer II), HP

Dec 2011 - Dec 2013

Software / Systems Engineer, X-Fab, Texas

July 2007 — Dec 2011

Full-Stack Development Intern, X-Fab, Texas

May 2007 — July 2007

Bachelor of Science in Computer Engineering, Texas Tech University

May 2005 — Dec 2009

03 SKILLS

Organizational Leadership
People and Financial Management
Project Management
Continuous Improvement (Lean / Kaizen / Six Sigma)

System Architecture
Full-Stack Development
Legacy and Greenfield Systems
Entire SDLC

04 TECHNOLOGIES

Processes: DevOps, CICD, Agile Scrum, Kanban, GitFlow, Matrixed Organization

Architectures: N-Tier, REST API, PWA, SPA, , Serverless, MVC, Event Driven, Offline-First, Distributed, Microservices (Novice), Containerized/Orchestrated (Novice)

.NET: C#, VB.NET, ASP.NET API/MVC, Blazor, UWP, SignalR

JavaScript: React, Node.js, NPM, Electron, Angular, TypeScript, SvelteKit

Scripting: Python

Web: HTML, CSS, Tailwind, Bootstrap

Containerization (Novice): Docker, Kubernetes

DB: SQL Server, Sqlite3, Oracle

Cloud: Azure, AWS, Netlify

Servers: Windows Server, Linux (Ubuntu/Debian)

Tooling: Azure DevOps, GitHub, Visual Studio/VS Code, SSMS, DBeaver

ETL: Boomi, SSIS

Message Queue: Azure Service Bus

AI: ChatGPT, Microsoft CoPilot

Data Warehouse: Snowflake

Reporting: SSRS, PowerBI

Other: Sharepoint Online, PowerApps, PowerAutomate, Twilio, JWT, Swagger, C++, Java (Spring Boot)

05 EMPLOYMENT HISTORY

03/2023 — 05/2024

Director of Software Development at Raymour & Flanigan

Jersey City, NJ

Led the Application Development Organization of Raymour & Flanigan, which handled all internal software development company wide. This role was heavily focused on organizational transformation and modernization, both from a software and process perspective. Fully remote position.

Leadership

- Team Size: 3 Managers (.NET Team, Oracle Team, Boomi Team), 4 Architects, 30 Developers (mix of internal and near/off shore resources).
- Aligned teams within internal matrixed organization (QA / Product Teams)
- Defined and executed organizational strategy, including transformational 5 year vision
- Recruited and retained skilled resources for organization, growing headcount by 10%
- Held weekly 1:1's and annual reviews with direct reports and bi-annual skip-level 1:1's with indirect reports
- Visited northeast US locations to check-in with user base (5% travel)

Technical

- Largest Initiatives: ERP Migration to NetSuite, WMS Migration to Korber, Omnichannel Sales Experience via E-Commerce Site, 3rd Party API Integrations (ChargeAfter, Bringg)
- Primary Tech Stack: .NET (C#, UWP, MVC API), SQL Server, Oracle DB, Azure, AWS, React, Git, PowerBI, Windows Server, Boomi, Snowflake
- Directly led change control and release management processes, leading to 50% decrease in production defect rate
- Operated as SME alongside architects (direct reports) to define and executive organizational architecture strategy. On-Call alongside architects on a rotating basis with 100% coverage

Financial

- Forecasted and controlled organizational budget and credit card, reducing costs by 25%
- Performed invoice review and approval process for organization, leading to 100% on-time payments

- Negotiated, reviewed, and managed development partner (near-shore / on-shore) and vendor contracts / resources, which reduced contract costs by 40%
- Coordinated with infrastructure team to monitor and control cloud and on-premises costs

10/2017 — 03/2023

Director of Operations Technology at MEARS Group

Jersey City, NJ

Managed the Operations Technology Organization of MEARS Group (part of Quanta Services), which delivered internally developed software solutions for field operations employees, with a special emphasis on digital transformation and field capture. This position was a direct report to the CIO. Fully remote position.

Leadership

- Team Size: 4 Developers, 1 PM, 7 Offshore. 100% remote team
- Reported directly to CIO and focused on digital transformation and continuous improvement, including participating in Six Sigma and Kaizen initiatives
- Managed yearly software development internship programs on 5 separate occasions
- Traveled to U.S. locations to roll out applications (25% travel)

Technical

- Mission-Critical Projects:
 - Mission Critical SOX-compliant internally developed Revenue/Time/Equipment Field Capture solution, used by over 700 field construction crews across the US. This solution sped up the closing process by 75%
 - Electron based Field Safety Capture application with online/offline capability that digitized all safety documentation field crews must capture
- Primary Tech Stack: .NET (C#, MVC API), SQL Server, Sqlite3, Azure / Windows Server, Javascript (Angular / React / Node / Electron), Git, PowerBI, PowerAutomate
- Functioned as technical expert on tech stack and explored and implemented new technologies such as DocuSign, 2FA, and ESRI (GIS), while ensuring all compliance and security standards are met
- Implemented and trained organization on DevOps/CICD, Agile Scrum, Kanban, GitFlow, and QA processes, which increased delivery speed by 50%
- Designated and documented all architecture and SDLC for the organization and led change management process while rolling out applications
- Administered systems such as Azure DevOps, Sharepoint Online, Power Automate, PowerBI, and Azure

Financial

- Forecasted and maintained organizational budget, coming out on-budget every year
- Onboarded and coordinated offshore development partner based out of India Monitored and controlled cloud and on-prem infrastructure costs

04/2016 — 10/2017

Team Lead / Senior Developer at Worldwide Machinery

Houston, TX

- Led internal software development team and reported to co-owner of company
- Full-stack development using .NET, MS SQL, and React which delivered mission-critical asset management software (desktop, mobile, and web)
- Built mobile-first SPA to enable employees to see real-time telemetrics on machinery assets

12/2011 — 02/2016

Technical Lead (IT Developer / Engineer III) at HP Inc.

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
- Gained exposure to big data (Hadoop / HP Vertica) and BI/analytics (PowerBI / Tableau)
- Led logical split and cloning of system during HP's split into HPE and HP Inc.

08/2007 — 12/2011

Software / Systems Engineer at X-Fab, Texas

Lubbock, TX

- Full-Stack developer specializing in .NET, MS SQL, C++, and Perl development
- Built 3-tier web applications and hardware monitoring solutions and introduced Subversion source control to company
- Deployed distributed databases and web applications in the U.S., Germany, and Malaysia.

06 INTERNSHIPS

May 2007 — Jul 2007

Full-Stack Development Intern at TTU / X-Fab Texas

Lubbock, TX

- Full-stack development internship with emphasis on C++ and .NET development
- Completed a statistical analysis application and a file format conversion program

07 EDUCATION

May 2005 — Dec 2009

Texas Tech University

Lubbock, TX

Bachelor of Science in Computer Engineering

Trained in Electrical Engineering and Computer Science

Final GPA: 2.94

Engineering Projects :

- 1a: 60 Hz Notch Filter
- 1b: Line Following Robot
- 2: Tech-SAL Robotics Programming Language
- 3: Remote Event Timer
- 4/5: F.P.G.A. based Waveform Generator.

08 ACHIEVEMENTS

2021: Nominated to MEARS Group Innovator Team (Company Think-Tank)

2021: Nominated to Quanta Services Leadership Academy level 2

09 REFERENCES

Venu Madduri

Smith & Wesson (CIO)

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Tim Burrows

Raymour & Flanigan (Senior Director of IT)

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