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-technicall personnel. Adherent to servant leadership and continuous improvement.

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

02 TIMELINE

Mar 2023 - May 2024
- Director of Software Development, Raymour & Flanigan

Apr 2021 - Mar 2023
- Director of Operations Technology, MEARS Group

Mar 2020 - Apr 2021
- Senior Manager of Operations Technology, MEARS Group

Oct 2017 - Mar 2020
- Manager of Operations Technology, MEARS Group

Apr 2016 — Oct 2017
- Team Lead / Senior Software Developer, Worldwide Machinery

Dec 2013 — Feb 2016
- Technical Lead (IT Developer / Engineer III), HP

Dec 2011 - Dec 2013
- Senior Developer (IT Developer / Engineer II), HP

July 2007 — Dec 2011
- Software / Systems Engineer, X-Fab, Texas

May 2007 — July 2007
- Full-Stack Development Intern, X-Fab, Texas

May 2005 — Dec 2009
- Bachelor of Science in Computer Engineering, Texas Tech University

03 SKILLS

Organizational Leadership	System Architecture
People and Financial Management	Full-Stack Development
Project Management	Legacy and Greenfield Systems
Continuous Improvement (Lean / Kaizen / Six Sigma)	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

Industry: Retail (Furniture and Mattresses)

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

Tech Stack

- Data Integrations: Boomi
- .NET: C#, ASP.NET API/MVC, UWP
- Scripting: Python

- JavaScript: React, Node.js + NPM
- Web: HTML, CSS
- DB: MS-SQL Server, Oracle
- BI: PowerBI, SSRS
- Cloud: Azure, AWS
- Development: Azure DevOps, Git, Visual Studio, VS Code
- AI Tooling (Experimental): ChatGPT 4.0, Microsoft Copilot
- Servers: Windows

10/2017 — 03/2023   **Director of Operations Technology at MEARS Group**   *Jersey City, NJ*

Industry: Construction (Natural Gas Distribution)

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 IndiaMonitored and controlled cloud and on-prem infrastructure costs

Tech Stack

- .NET: C#, ASP.NET MVC, ASP.NET MVC API, Blazor
- Scripting: Python
- Javascript: Angular, React, Electron, Node, NPM, Webpack, Bootstrap
- Web: HTML, CSS
- DB: MS-SQL, SQLite
- BI: PowerBI, SSRS
- Cloud: Azure
- Machine Learning: Sentiment Analysis via Azure Cognitive Services + Logic App
- Development: Azure DevOps, Github, Visual Studio, VS Code
- IoT: RPi + Raspbian + Adafruit Accessories (Python)
- Servers: Windows, Ubuntu
- Containerization (Experimental): Docker, MicroK8s
- Other: Sharepoint Online, Twilio, Slack, Trello, Lucidcharts

04/2016 — 10/2017	**Team Lead / Senior Developer at Worldwide Machinery**	*Houston, TX*

Industry: Construction (Heavy Machinery Rentals)

Reported to one of the co-owners of the company and was responsible for leading the internal software development team as well as acting as a senior developer. This team delivered mission-critical asset management software.

- 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

Tech Stack

- .NET: C#, ASP.NET MVC API, WinForms
- Javascript: React, Redux, Typescript (ES6), Node.js + Express + NPM + PM2, Babel, Webpack, SASS, NGINX Reverse Proxy
- DB: MS-SQL
- Cloud: DigitalOcean
- Containerization: Docker
- Development: JIRA, TeamCity, Bitbucket (GIT), Visual Studio, VS Code, Trello, Lucidcharts
- Processes: DevOps, Agile, GitFlow, CICD
- Servers: Windows, Ubuntu

12/2011 — 02/2016	**Technical Lead (IT Developer / Engineer III) at HP Inc.**	*Houston, TX*

Industry: Technology (Computers / Printers)

Acted as technical lead for the software development operations for HP's mission-critical third level support tool (10k+ users) and was part of the Analytics and Reporting organization. Worked on the entire technology stack for the third level support tool and received exposure to Big Data and BI/Analytics concepts.

- 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.

Tech Stack

- .NET: VB.NET, C#, ASP.NET
- Javascript: jQueryUI, jQuery
- DB: MS-SQL
- BI: Tableau, Qlickview, OLAP Cubes
- Big Data: Hadoop, Hive, HP Vertica,
- Development: TFS, Subversion, Visual Studio
- Processes: Agile
- Servers: Windows

08/2007 — 12/2011	**Software / Systems Engineer at X-Fab, Texas**	*Lubbock, TX*

Industry: Semiconductor Fabrication (Pure-Play)

Full-stack software engineering, with an emphasis on .NET and C++ development of internal tooling for semiconductor engineers.

- Full-Stack developer specializing in .NET, MS SQL, C++, and Perle 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.

Tech Stack

- .NET: C#, ASP.NET, Console, Winforms
- General Purpose: C++, Perl
- DB: MS-SQL
- Development: Subversion, Visual Studio
- Servers: Windows, Redhat

- IoT: Perle IOLAN

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
- Successfully presented internship results to Texas Tech University internship board.

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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