Kyle Romero

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# **SUMMARY**

Software Engineering Leader with 10 years as a full-stack developer and 7 years in 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.

# **EXPERIENCE**

## **Director of Software Development**

**Raymour & Flanigan (Retail) March 2023 - May 2024, Jersey City, NJ (remote)**

* **Initiatives:** ERP Migration to NetSuite, WMS Migration to Korber, Omnichannel Sales Experience via E-Commerce Site, 3rd Party API Integrations (ChargeAfter, Bringg).
* **Org. Size:** 3 Managers (AppDev Team, Oracle Team, Data Integrations / API Team), 4 Architects, 30 Developers (mix of internal and near/off shore resources).
* **Primary Tech Stack:** React, .NET (C#, UWP, ASP.NET Core), SQL Server, Oracle DB, Azure, AWS, Windows Server, Git (Azure DevOps), Boomi, Snowflake.
* Defined and executed organizational strategy (1 and 5 year) processes (Agile, DevOps) and coding/review standards.
* Directly led change control and release management processes, leading to 50% decrease in production defect rate.
* Introduced Microsoft CoPilot and ChatGPT AI into development process, leading to significant increase in developer output.
* Aligned cross-functional teams within matrix IT organization and coordinated with infrastructure, product management, business intelligence, design, and e- commerce organizations.
* Negotiated, reviewed, and managed development partner (near-shore / on-shore) and vendor contracts and resources, which resulted in reduction of contract costs by 40%.
* Forecasted and controlled organizational budget and credit card, reducing YoY costs by 25%.
* Operated as SME alongside architects (direct reports) to define and execute software architecture strategy and ensure 24/7 on-call support was available.

## **Director of Software Development**

**MEARS Group (Energy) October 2017 - March 2023, Jersey City, NJ (remote)**

* **Projects:** Mission Critical SOX-compliant and high-availability internally developed Revenue/Time/Equipment Field Capture solution, used by over 700 field construction crews across the US and which 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.
* **Team Size:** 4 Developers, 1 PM, 7 Offshore (100% remote team).
* **Primary Tech Stack:** .NET (C#, ASP.NET Core), SQL Server, Sqlite3, Azure / Windows Server, JavaScript (Angular / React / Node / Electron), Git, PowerBI, PowerAutomate, Java (Spring Boot).
* **Titles:** Manager (2017 - 2020), Senior Manager (2020 - 2021), Director (2021 - 2023).
* Reported directly to CIO and tasked with digital transformation and continuous improvement, including participating in Six Sigma and Kaizen initiatives.
* 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%.
* Onboarded and coordinated offshore development partner based out of India.
* Nominated to Innovator Group and Quanta Leadership Academy 2.

## **Team Lead**

**Worldwide Machinery (Construction) 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 using .NET, MS-SQL, and React 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) 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.
* Gained exposure to big data (Hadoop / HP Vertica) and BI/analytics (PowerBI / Tableau).
* Led logical split and cloning of system during HPʼs split into HPE and HP Inc..
* **Titles:** Senior Developer (2011 - 2013), Technical Lead (2013 - 2016).

## **Software Developer**

**X-Fab Texas (Semiconductors) August 2007 - December 2011, Lubbock, TX**

* Full-Stack developer specializing in .NET, MS SQL, C++, and Perl development (Windows and Linux).
* Built responsive 3-tier web applications (utilizing HTML, CSS, and JavaScript) and introduced Subversion source control to company.
* Deployed over 50 plasma trace machine monitoring Perle Modules that integrated with custom built monitoring and reporting software.
* Deployed distributed databases and web applications in the U.S., Germany, and Malaysia.
* Interned as developer the summer before being hired full time.

# **EDUCATION**

## **Bachelor of Science in Computer Engineering**

Texas Tech University • Lubbock, TX • 2005 - 2009

* Covered Computer Science and Electrical Engineering Topics

# **SKILLS**

* **General:** People Management, Project Management, Financial Management, System Architecture, Full-Stack Development, Entire SDLC, Continuous Improvement, Legacy Systems
* **Processes:** DevOps, CICD, Agile Scrum, Kanban, GitFlow, Matrix Organization
* **Architectures:** N-Tier, REST API, PWA, SPA, SSR, Serverless, MVC, Event Driven, Offline-First, Distributed, Microservices, Containerized/Orchestrated
* **.NET:** C#, VB.NET, ASP.NET Core, Blazor, UWP, SignalR, Webforms
* **JavaScript:** Node, NPM, React, Electron, Angular, TypeScript, SvelteKit
* **Scripting:** Python
* **Web:** HTML, CSS, Tailwind, Bootstrap
* **Containerization:** Docker, K8s
* **DB:** SQL Server, Sqlite3, Oracle
* **Cloud:** Azure, AWS, Netlify, DigitalOcean, Fly.io
* **Servers:** Windows Server, Linux (Ubuntu/Debian)
* **Tooling:** Azure DevOps, GitHub, Bitbucket, Visual Studio/VS Code, SSMS, DBeaver, Jira
* **ETL:** Boomi, SSIS
* **Message Queue:** Azure Service Bus
* **AI:** ChatGPT, Microsoft CoPilot, Claude, Cursor
* **Data Warehouse:** Snowflake
* **Reporting:** SSRS, PowerBI
* **Other:** Java Spring, Sharepoint Online, PowerApps, PowerAutomate, Twilio, JWT, Swagger, C++, Raspberry Pi