Kyle Romero

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# SUMMARY

Hands-on and results-driven technology leader with 17+ years in software engineering, specializing in full-stack development, digital transformation, software architecture, DevOps, and Agile methodologies. Proven track record of optimizing development operations, mentoring high-performing teams, and delivering scalable, business-aligned solutions. Passionate about producing high-quality technical implementations, driving innovation, streamlining processes, and leading software development organizations to success.

# EXPERIENCE

## Contract Consultant

**Dexian (Staffing, IT Services, and Workforce Solutions | 12k Employees) March 2025 - Present, Jersey City, NJ (remote)**

* **Client**: Deloitte Consulting **| Contract**: 3/24/2025 - 6/28/2025 **| Title**: Technical Lead (Back End).
* **Role**: Short-term contract with focus on API (.NET deployed to Functions + Node Express containerized in App Services) development + integration with Angular F.E., and Confluence documentation.
* **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 for 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, and off shore resources. Direct Reports = Managers / Architects).
* **Primary 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 Korber, Omnichannel Sales Experience via E-Commerce Site, 3rd Party API Integrations (ChargeAfter, Bringg).
* Directly led change control and release management processes, leading to 50% decrease in production defect rate.
* Defined and implemented organizational strategy (1 and 5 year), goals (OKRs), processes (Agile, DevOps), 24/7 support strategy, and coding/review standards.
* Introduced Microsoft CoPilot and ChatGPT AI into development process, leading to significant increase in developer output.
* 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).
* **Primary Tech Stack:** .NET (C#, ASP.NET Core, Blazor), SQL Server, Sqlite3, Azure / Windows Server, JavaScript (Angular / Node / Electron), Git, PowerBI, PowerAutomate, Java (Spring Boot).
* **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 U.S. 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.
* **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).
* Reported directly to CIO and tasked with digital transformation and continuous improvement, including participating in Six Sigma and Kaizen initiatives and development and reporting of KPIs.
* 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 and invited to Innovator Group and Quanta Leadership Academy 2, and asked to manage intern selection and project.

## 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.
* Doubled developer headcount through recruitment and hiring to meet organizational needs as company grew.
* 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.
* 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 Industry | 500 Employees) 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.

# SKILLS

* **General:** People/Project/Financial Management, System Architecture, Full-Stack Development, Entire SDLC, Continuous Improvement, Legacy Systems
* **Processes:** DevOps, CICD, Agile Scrum, Waterfall, Kanban, GitFlow, Matrixed Organization
* **Architectures:** N-Tier, RESTful API, PWA, SPA, SSR, MVC, Serverless, Offline-First, Event-Driven, Distributed, Microservices, Containerized, Service Oriented
* **Tooling:** Azure DevOps, GitHub, Visual Studio/VS Code, Postman, SSMS, DBeaver, Jira, Confluence, Lucid, Trello
* **Cloud:** Azure, AWS, Netlify, DigitalOcean, Fly.io
* **AI:** ChatGPT, Microsoft CoPilot, Claude, Gemini, Ollama (Qwen, Gemma, Deepseek), Cursor, Cline, N8N, OpenRouter
* **Servers:** Windows Server, Linux (Ubuntu/Debian)
* **DB:** SQL Server, Sqlite3, Oracle
* **JavaScript:** React, Angular, SvelteKit, Node.js, Express API, Electron, TypeScript, JWT
* **.NET:** C#, VB.NET, ASP.NET Core, Blazor, UWP, SignalR, Webforms
* **Scripting:** Python
* **Source Control:** Git, Subversion
* **QA:** xUnit, Jasmine
* **Web:** HTML, CSS, Tailwind, Bootstrap
* **Containerization:** Docker
* **Data Integration:** Boomi, Tibco, SSIS
* **Message Queue:** Azure Service Bus
* **Caching:** Redis
* **Data Warehouse:** Snowflake
* **Reporting:** SSRS, PowerBI
* **Other:** C++, Sharepoint Online, PowerApps, PowerAutomate, Twilio, Swagger, Raspberry Pi, OOP/SOLID

# EDUCATION

## Bachelor of Science in Computer Engineering

Texas Tech University • Lubbock, TX • 2005 - 2009