Kyle Romero

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SUMMARY

Hands-on and results-driven technology leader with 17+ years in software engineering, specializing in management, 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.

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 development of .NET APIs (Azure Functions) and containerized Node Express API (Azure App Services), integration with Angular F.E. and SAP / CC&B B.E. via Tibco + Boomi, requirements management in Azure DevOps, and documentation creation and management in 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, 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 HP's 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