

Kyle Romero, Director of Software Development

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LINKS

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PROFILE

Highly experienced Director of Software Development with 15 years of experience in IT, adept at building and managing a successful software development organization utilizing both internal onshore and development partner offshore resources. Skilled at bridging the communication gap between technical and non-technical personnel. Before moving into management, was a developer and technical lead.

EMPLOYMENT HISTORY

Oct 2017 — Present

Director - Software Development, InfraSource

Jersey City, NJ (remote)

This position directly reports to the CIO of MEARS Group and is responsible for the complete management of the Operations Technology organization within MEARS Group. The Operations Technology organization is responsible for delivering software solutions, most of which are internally developed, to field engineers throughout our operations locations. Our largest application is used by over 700 field crews spread over many different geographic locations throughout the U.S. and is fully SOX-compliant. The development teams use Agile and DevOps methodologies, utilizing the most appropriate technologies as needed to deliver software solutions. This position necessitates travel to operations locations, both in-office and in the field. At various times, in addition to my role as director, I have also acted as software architect, project manager, code reviewer, developer, tester, translator between technical / non-technical staff, think-tank member, and any other function that the company needed from me.

Team Size: 5 Developers, 1 PM, 12 Offshore.

Achievements:

- **2021:** Promoted to Director of Operations Technology after 1 year as Senior Manager
- **2021:** Nominated to MEARS Group Innovator Team (Company Think-Tank)
- **2021:** Nominated to Quanta Leadership Academy 2 at Quanta's LazyQ Ranch
- **2020:** Promoted to Senior Manager of Operations Technology after 2.5 years of successful innovation

Apr 2016 — Oct 2017

Team Lead / Senior Software Developer, Worldwide Machinery

Houston, TX

This position 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 software used in heavy machinery rental and sales operations utilizing a variety of methodologies including DevOps and Agile Scrum.

Dec 2011 — Feb 2016

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

Houston, TX

This position acted as technical lead for the software development operations for HP's mission-critical third level support tool and was part of the Analytics and Reporting organization. While acting as a developer, worked on the entire technology stack for the third level support tool and received exposure to Big Data and BI/Analytics concepts. Led the logical cloning and separation of this system when HP split into HP Inc. and HPE and this tool was deemed mission-critical for both companies. Was promoted from Software Developer (IT Developer/Engineer II) in December of 2013.

May 2007 — Dec 2011

Software / Systems Engineer, X-Fab, Texas

Lubbock, TX

Worked as an intern and then hired on as Software / Systems Engineer doing general software development.

EDUCATION

May 2005 — Dec 2009

Bachelor of Science in Computer Engineering, Texas Tech University

Lubbock, TX

Computer engineering at Texas Tech covers both Electrical Engineering and Computer Science topics. During this time I took several interesting semester-long project focused classes that covered topics such as robotics, programming language development, and circuit design. I also had a software development internship at X-Fab, Texas in the summer of 2007, noted above.

GPA = 2.94

SKILLS

Innovation

Leadership

People Management

Communication

Software Engineering

System Architecture

DevOps

Agile Methodologies

Digital Transformation

TECHNOLOGIES

Oct 2017 — Present

InfraSource

- **.NET:** C#, ASP.NET MVC, ASP.NET MVC API, Blazor
- **Scripting:** Python
- **Javascript:** Angular, React, Electron, Node, NPM, Webpack, Gatsby, Bootstrap
- **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
- **Processes:** DevOps, Agile, GitFlow, CICD
- **Other:** Sharepoint Online, Twilio, Slack, Trello, LucidCharts

***Note:** Acted as system architect vs. hands-on development in this role.*

Apr 2016 — Oct 2017

Worldwide Machinery

- **.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

Dec 2011 — Feb 2016

HP Inc.

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

May 2007 — Dec 2011

X-Fab, Texas

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