

KYLE ROMERO

EXPERIENCE

Director - Operations Technology

InfraSource, A Quanta Services Company (part of MEARS Group)

Director of Operations Technology: 2021 to Current

Senior Operations Technology Manager: 2020 to 2021

Operations Technology Manager: 2017 to 2020

Construction and Professional Services (O&G + Electric)

- Direct-Report to CIO of MEARS Group, helping to define and drive software development strategy
- Head of Software Development for InfraSource
- Manage teams of internal and external developers and project managers
- Coordinate external and internal teams using Agile processes
- Travel as needed to various sites around US to deploy new software solutions and manage IT relationship with other groups
- Interface between technical and non-technical personnel; help to bridge the communication gap
- Provide consultation on software development initiatives across MEARS Group
- Explore and architect new technology solutions (focused on digital transformation)
- Led team through process of making internal tools SOX-Compliant
- Worked to develop high availability infrastructure architecture for apps
- Create learning curriculum for new developers and provide training / KT sessions
- Develop and implement strategy to build out company's internal tools using appropriate technologies
- Manage DevOps, CICD, and PM processes
- Help team manage DevOps, Agile, GitFlow, CICD, and PM processes
- Help team administer various systems
- Help team with prototyping / hands-on exploration of new technologies

Achievements:

- **2021:** Promoted to Director of Operations Technology after 1 year as Senior Manager.
- **2021:** Nominated to MEARS Group Disruptor Team (Company Think-Tank).
- **2021:** Nominated to Quanta Leadership Academy.
- **2020:** Promoted to Senior Manager of Operations Technology after 2.5 years of successful innovation.

Technologies (Architecture)	
.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

CONTACT

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EDUCATION

Texas Tech University, 12/2009

Computer Engineering (BS)

ABOUT

Hello! My name is Kyle Romero. I am a director of software development, with 4 years of management experience and 10 years of full-stack development, technical lead, and architecture experience, living in Jersey City, NJ. I have a Bachelor's Degree in Computer Engineering from Texas Tech University, and have worked in the IT field since 2007 focused on internal software development. Currently, I am a director of operations technology (software solutions for field work), and previously was a team lead and senior developer at Worldwide Machinery, and a technical lead at HP. I have extensive knowledge of all aspects of a successful software development organization and have used many different technologies and methodologies over the years.

Team Lead / Senior Software Developer

Worldwide Machinery

4/2016 - 10/2017

Heavy Machinery Rental and Sales Company

- Manage project workflow using Agile Scrum methodology
- Manage junior developers' workloads
- Develop modern ASP.NET MVC WebAPI
- Develop modern Mobile-first Web Application using React, Redux, Typescript (ES6), Node.js + Express + NPM, Babel, Webpack, and SASS
- Maintain legacy ERP application using .NET Winforms (C#, MS SQL)
- Implement and Maintain Project and DevOps Processes using: JIRA, Bitbucket (GIT), TeamCity, Trello, Slack, Lucidcharts
- Proactively identify process improvements, as well as project opportunities
- Maintain / troubleshoot hardware infrastructure as needed (Windows / Ubuntu Servers)

Technologies	
.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

Technical Lead (IT Developer / Engineer III)

HP Inc.

12/2013 - 2/2016

Consumer IT Products

- Led development team working on enterprise level product quality / escalation management tool.
- Helped manage both onshore and offshore, full time and contingent developers.
- Helped to define and improve processes used on project, including development of a customized disciplined agile methodology and setting project timelines.
- Administered Team Foundation Server (source and requirements).
- Managed quality control and workloads for developers on project.
- Managed release process for tool.
- Worked with business to define requirements and develop architecture for project.
- Familiar with all aspects of project, from both technical and business standpoints.
- While working on .NET Applications, received exposure to Big Data technologies, such as Hadoop and HP Vertica, as well as Dashboarding Technologies, such as Qlikview and Tableau.
- During the year 2015, led team to successfully complete clone of our systems to be used on both sides of HP after the company split into two.

Technologies	
.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

Software Developer (IT Developer / Engineer II)

HP

12/2011 - 12/2013

- Worked on ASP.NET Web applications incorporating a 3-Tier approach.
- Did work on all three tiers (MS SQL Database, VB.NET Middle tier object libraries, and ASP.NET + jQueryUI frontend).
- Project was managed using Agile Scrum methodology (Received Certified Scrum Master certification 2012).
- Source control system was Team Foundation Server.

Technologies	
.NET:	VB.NET, C#, ASP.NET
Javascript:	jQueryUI, jQuery
DB:	MS-SQL
Development:	TFS, Subversion, Visual Studio
Processes:	Agile

Software / Systems Engineer

X-Fab Texas, Inc.

1/2010 - 11/2011

Pure-play Semiconductor Foundry

- Development of ASP.NET/C# Web applications to serve as frontends for MSSQL databases.
- Developed .NET Web / Console / Winforms Applications.
- Involved in Database Design. Administered Windows and Linux servers.
- Designed Shell / Batch scripts. Developed C++ console applications.
- Deployed machine monitoring system. Developed Inventory tracking system.
- Deployed Documentation system to sites globally.

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

IT Intern

X-Fab Texas, Inc.

5/2007 - 12/2009

Internship between TTU EE Department and X-Fab, Texas

- Developed various internal software projects, including statistical analysis programs, format conversion software, and .NET web applications.
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Technologies	
.NET:	C#, ASP.NET, Console, Winforms
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DB:	MS-SQL
Development:	Subversion, Visual Studio