# Kirk Tolleshaug

Senior Software Engineer

## Contact

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📍 Cape Girardeau, MO

in in/ktolleshaug

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## Education

December 2015

**Southeast Missouri State University**
*Bachelor of Science*
*General Studies*

## Key Skills

C#/.Net/Go/Java

MSSQL/Postgres

Angular/React.js

## Certifications

December 2021

Azure Fundamentals - Microsoft

## Interests

Homelabbing
Woodworking
Video Games
Camping
Legos

## Professional Experience

December 2022 – Present                               Springfield, MO (Remote)

**Software Engineer** at Digital Monitoring Products

- Lead development of the 'Alarm Vision' system of AI powered cameras for integrated intrusion detection and alarm management.
- Work with international partners for troubleshooting and delivering solutions.
- Implementation of agile practices to increase productivity, and transparency of ongoing work.
- Manage and organize user stories, quality assurance resources, and expectations for work to be completed, across several teams.
- Mentor and collaborate with teammates for best practices and solutions.

June 2014 – Dec 2022                               Cape Girardeau, MO

**Senior Software Engineer** at Vizient, Inc

- Support and modernize legacy applications for use with cloud first architecture.
- Build new cloud-first applications for processing large customer datasets.
- Implement new SSO solutions and services company wide.
- Implementation of updated system architectures, reducing the quantity of resources needed, saving the company approximately 30 million dollars.
- Manage and organize user stories, quality assurance resources, and expectations for work to be completed.
- Mentor and collaborate with teammates for best practices and solutions with focus on test driven development.

January 2014 – May 2015                               Cape Girardeau, MO

**Web Paraprofessional** at Southeast Missouri State University

- Support faculty from various departments with online course management.
- Create support videos, to assist with troubleshooting common issues with online learning platforms.
- Create a custom sign-in application for the university writing lab.
- Create a custom class page for several faculty members.

## Key Attributes

- **Technical Leadership:** Led cross-functional teams in complex software projects, emphasizing agile methodologies and international collaboration.
- **Mentorship and Collaboration:** Adept at mentoring team members and fostering a collaborative environment to achieve best practices and innovative solutions.
- **Innovation and Optimization:** Recognized for modernizing legacy systems and implementing cost-effective solutions that drive efficiency and scalability.