



Kristin WILLIS  
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## ABOUT ME

Highly motivated and experienced software engineer with a strong background in developing and maintaining efficient, scalable, and secure applications. Skilled in both front-end and back-end development, with a knack for solving difficult problems. Experienced in DevOps practices, including continuous integration, deployment, and monitoring. Proven track record of delivering high-quality software from start to finish.

## Experience

### SYSTEMS SOFTWARE ENGINEER

Northwestern Mutual

#### CI/CD ENGINEERING TEAM — ROTATION

October 2022 – Present

- Worked on a fast-paced team creating internal products used by thousands of developers across the company
- Adapted quickly to new team culture and began delivering high-quality code within days

#### NETWORK RELIABILITY ENGINEERING (NRE)

2020 – October 2022

- Created scalable and highly-available network monitoring applications
- Boosted developer productivity by creating automatic testing and deployment through CI/CD pipelines
- Established and enforced best-practices to significantly improve the value of our products
- Led team through a major restructure of our code by migrating to a cloud-focused design
- Hosted daily meetings with other engineers to teach software skills and methodologies

### ASSOCIATE SOFTWARE ENGINEER

Northwestern Mutual

#### NETWORK OPERATIONS TEAM

2019 – 2020

- Developed playbooks to execute hardware upgrades and save countless, often error-prone, manual upgrades
- Designed and implemented data stores, collectors, and visualizations to help engineers better understand the status of the network
- Modified network repair software to improve performance by an order of magnitude

## Qualifications

### SKILLS

<b>PROGRAMMING LANGUAGES</b>	<b>Experienced:</b> Python   JavaScript	<b>Familiar:</b> SQL   Bash   Java   Terraform
<b>SOFTWARE DEVELOPMENT</b>	API Development   Git   Agile Methodology   DevOps   GitLab CI/CD   Linux	
<b>FRAMEWORKS &amp; LIBRARIES</b>	React   Node.js   django   Pandas	
<b>TOOLS</b>	Docker   Amazon Web Services (AWS)   Postman	

### EDUCATION

UNIVERSITY OF WISCONSIN — MADISON

2016 – May 2020

B.S. Microbiology