Kristin WILLIS

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in linkedin

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

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

EDUCATION

UNIVERSITY OF WISCONSIN — MADISON   *2016 – May 2020*

B.S. Microbiology