

# Niels Kjer J.R.

Site Reliability Engineer  
NYC

Email: [ntkjer@gmail.com](mailto:ntkjer@gmail.com)  
GitHub: [ntkjer](#)  
LinkedIn: [nielskjer](#)  
Phone: 562-964-4426  
Last Updated: May 27, 2020

## Summary

Currently an SRE at J.Crew, I work on building monitoring solutions and internal tools for observability and reliability initiatives. My key interests are in containers and orchestration, Linux, and Go.

## Experience

### *J. Crew*

Site Reliability Engineer; May 2019 - Present; NYC

**Skills:** AWS, Golang, Bash, Python, Grafana, Prometheus, Docker, Kubernetes, Thanos, Terraform, GitHub, Markdown, Nginx, Jenkins, Ansible, RHEL/Amazon Linux, AppDynamics, InfluxDB.

#### **Overview:**

- Designed, developed, and managed the alerting and monitoring infrastructure for J.Crew.
- Programmatically template metrics and KPIs for production and lower environments using Grafana.
- Implemented custom Prometheus exporters using Golang.
- Created probes and alerts using Alertmanager, Grafana, SensitiveGo, and custom metrics.
- Wrote Golang, Python, and bash code for internal tooling.
- Migrated from ECS to EKS.
- Wrote and maintained Dockerfiles, Kubernetes yamls, Nginx configs, and Terraform codebase.
- Wrote architecture documents for our EKS migration and Thanos implementation.
- Participated in an on-call rotation for production environment.

### *IBM - CISO*

Software Engineer: Monitoring and Tooling; July 2017 - July 2018; Austin, Texas

**Skills:** Python, Flask, Angular, SQLite, Jinja2, Bash, Ansible, Jenkins, Kafka, ELK, git, RHEL/CentOS, Nginx, Kubernetes, Docker, Apache NiFi.

#### **Overview:**

- Developed and maintained internal tools and microservices for internal CISO.
- Maintained and supported internal ELK-based SIEM platform.

### *Internships*

**Victorise:** Software Engineering Intern; November 2016 - Feb 2017; remote, part-time

**Skills:** AWS, Three.js, WebGL, Javascript, git, Node, Express.

**Stacklist:** Data Science Intern; Mar 2016 - Aug 2016; NYC, full-time

**Skills:** Python, Java, SQLite, MongoDB

## Education

**Sarah Lawrence College** Computer Science and Math, BA; 2013-2017.