Niels Kjer J.R.

Site Reliability Engineer
NYC

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Experience

J. Crew (Techolution)

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:

- Developed custom metric exporter services using the Prometheus client library in Python for CDN metrics and chat services.
- Designed, developed, and managed the alerting and monitoring infrastructure for J.Crew production and lower environments using Prometheus and Grafana.
- Wrote Golang, Python, and bash code for internal tooling and APIs.
- Migrated services from AWS ECS to Kuberentes on EKS.
- Wrote and maintained infrastructure related assets such as Dockerfiles, Kubernetes yamls, Nginx configs, Helm charts, and Terraform codebase.
- Wrote technical documentation for architecture and code reviews.
- Participated in an on-call rotation for production troubleshooting.

IBM (Kforce)

Software Development Engineer; July 2017 - July 2018; Austin, Texas

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

Overview:

- Implemented data-reliability API using Python for tracking event pipeline of internal SIEM platform.
- Wrote internal architecture and design documentation.
- Maintained codebase and developed features for internal honeypot service built using Flask, SQLite, and Angular.
- Participated in an on-call rotation for threat detection platform and search infrastructure.

Internships

Victorise: Software Engineering Intern; November 2016 - Feb 2017; remote, part-time
Skills: AWS, Three.js, WebGL, Javascript, git, Express.

Stacklist: Data Science Intern; Mar 2016 - Aug 2016; NYC, full-time
Skills: Python, Java, SQLite, MongoDB

Education

Sarah Lawrence College B.A Liberal Arts, concentration in Computer Science and Math; 2013-2017.