

Kristian Windsor

k@wnd.sr - (408) 683-4007 - San Francisco, CA

WORK EXPERIENCE

DevOps Engineer | LibDib

July 2021 – Present | San Jose, CA

- Primary DevOps engineer for eRNDC, a B2B platform processing \$2B+ in revenue, overseeing infrastructure, deployments, production support, and coordinating efforts between the LibDib App Development Team and the RNDC Cloud Engineering Team.
- Currently leading an infrastructure modernization project that will reduce AWS costs by \$1M/year.
- Accelerated the release pipeline from 1.5 hours to just 15 minutes by containerizing the monolithic EC2 application with Docker and Kubernetes.
- Rewrote a fragile Terraform codebase into a stable, well-documented solution, simplifying maintenance and streamlining infrastructure changes across multiple environments.
- Modernized application configuration by consolidating 34 Django settings files into a centralized system using Kubernetes ConfigMaps and Secrets with Kustomize and AWS Secrets Manager.
- Created custom CloudWatch dashboards to track application performance metrics (APM), errors, and database load across multiple teams.

DevOps Engineer | Pinger

May 2019 – April 2021 | San Jose, CA

- Built out the production and development cloud infrastructure, including container orchestration, network security, logging and monitoring, and a disaster recovery solution. The infrastructure is robust, scalable, secure, and is all written in Terraform and Kubernetes, following modern DevOps practices and principles.
- Created a tool capable of launching an infinite amount of production-like environments, which was integrated into the regular build pipelines by various team for feature branch build deployments and parallel testing. I demoed this tool at DevOps World 2020.
- Responsible for the uptime of services including production web clients Textfree and Sideline, Jenkins, some internal tools, and several microservice components of the backend.
- Containerized several monolithic services and deployed them in the cloud. Onboarded the backend and web teams to use Docker with their local development workflow.

Software Engineer | Pinger

July 2017 – May 2019 | San Jose, CA

- Designed and developed the UI automation test suite for web products Textfree and Sideline. This reduced QA's manual testing by 70%, allowing for quicker and more frequent production releases.
- Redesigned the build system for the web team. Automated manual tasks and created a CI pipeline that increased productivity by allowing them to deploy multiple builds at once.

Software Engineer Intern | Pinger

July 2016 – Nov. 2016 | San Jose, CA

- Contributed to the development of Textfree Web.