Avika Narula

hi@avika.co

Technical Skills

Excel in: Swift; AWS
Experience with**:** Kubernetes; Docker; Linux; Python

Selected Professional Experience

Butterfly Network Inc, iOS Engineer April 2019 - August 2020
• Collaborated with product and clinical partners to customize the Butterfly iQ app for a veterinary offering. The project unlocked an exciting new opportunity for veterinarians to utilize the ultrasound device on small and large animals.
• Built enterprise features to enable large hospitals such as NYU Langone and Mt. Sinai to seamlessly integrate the Butterfly ultrasound device into their hospital systems. Some of the features include enabling clinicians to log in via QR codes and allowing administrators to easily manage feature capabilities.
• Worked with product designers to revamp the user interface for a key feature on the app which allows users to upload their ultrasound images to the cloud.
• Assisted in fixing numerous critical bugs before releases.
• Migrated the code base and fixed a number of bugs in order to release the app for iOS 13.

Butterfly Network Inc, DevOps Engineer August 2018-April 2019
• Migrate AWS resources such as Docker images, Secure Mail Service, and Cloudfront to a secure production environment.
• Implemented an API rate limiter to rate limit client requests.
• Built monitoring and observability solutions to ensure overall system health as MVP before production launch

Blue Apron, DevOps Engineer July 2017-August 2018
• Migrated the container orchestration software from Apache Mesos to Kuber-netes. Including migrating the entire application deployment tooling, services and routing to Kubernetes.
• Completed the move off of Heroku to AWS. Specifically helped in migrating the databases and Redis instances.
• Executed the migration of key-value store from Consul to Vault for every application.
• Designed and developed, using Go, the interface for developers to interact with the Kubernetes cluster and Vault.
• Tackled various infrastructure related issues during on-call rotations. Including fixing issues involving Kafka brokers, Jenkins executors, and Chef.
• Utilized various AWS tools (such as RDS, EC2, ElasiCache, Route 53, and S3).

Bank of America, Full Stack Developer Intern June-August 2016
• Developed a frontend and backend application, using Javascript and Python, to facilitate the bidding process for mortgage bond traders. The application facilitated communication and enhanced information sharing amongst traders.