Andrey Kaipov

📟 (305) 542-2844
✉ andrey@kaipov.com
🖥 https://kaipov.com

Experience

Jan 2020 – Present

Senior Site Reliability Engineer, *Magic Leap*, Plantation, FL.
Launch Coordination

- Evangelize the technologies of our SRE sister-squads to our core product teams, while helping them transition to newer company-wide standards.

Jan 2017 – Jan 2020

Site Reliability Engineer, *Ultimate Software*, Weston, FL.
Cloud Platform & Observability

- Developed and operated a centralized logging and metrics collection platform for company-wide use to support ingestion of over 5TB/day of logs and metrics into our Elasticsearch and InfluxDB clusters across multiple datacenters.
- Developed and operated several VM and container-based orchestration platforms for product teams to leverage, including a homegrown PaaS, Pivotal Cloud Foundry, and Kubernetes.
- Partnered with product teams to help developers understand our infrastructure and internal tooling, and to help productionalize their applications and processes.
- Participated in an on-call rotation responding to any escalations from production teams or from our NOC.
- Automated toil away, tracked outages, conducted postmortems, troubleshot all kinds of systems, and followed SRE best practices – the usual.

May 2016 – Aug 2016

Software Engineer Intern, *Best Buy*, Richfield, MN.
User Generated Content

- Automated the ingestion of a vendor's API on processed customer review content, republishing it internally.

Projects

env2conf
A small tool to convert environment variables into configuration files.
- https://github.com/andreykaipov/env2conf

Active Standby
A Kubernetes controller for active-standby application support via built-in services.
- https://github.com/andreykaipov/active-standby-controller

Terraform Chef Solo
A Chef Solo provisioner for Terraform, inspired by the Packer one.
- https://github.com/andreykaipov/terraform-provisioner-chef-solo

MongoDB Pool
A package designed to make managing MongoDB connection pools easier.
- https://npmjs.com/package/mongodb-pool

Object Editor
A web-app to edit and play around with `.obj` geometry files.
- https://kaipov.com/obj-editor

Skills

Languages Shell, Go, JavaScript, TypeScript, Python, Ruby, Java.

Tooling Docker, Terraform, Packer, Vault, Ansible, Chef, Bosh, Concourse, GitLab CI.

Observability Elasticsearch, Logstash, Kibana, Telegraf, InfluxDB, Grafana, Sensu.

Platforms Kubernetes, Cloud Foundry, OpenStack, GCP, AWS.

Education

Dec 2016

BS in Mathematics, *Florida International University*, Miami, FL.
Concentration: Computer Science.
Honors: Summa Cum Laude, Phi Beta Kappa, FIU Ambassador Scholar, Florida Academic Scholar.