

Joshua Lindsey



Operations Engineer specializing in Infrastructure, Automation, and Cloud Architecture

Employment History

- Since 2023** *Senior Analyst – Operations at [Lightkeeper](#) (Boston, MA / Remote).*
Maintained and developed processes and automations for internal customer support, including user and permission management; cloud infrastructure and server creation and provisioning; application deployments; and data warehousing. Spearheaded efforts to modernize bespoke scripts with standard tools such as Terraform and Ansible.
- 2019 - 2023** *DevOps Engineer at [Remedy Health Media](#) (Arlington, VA / Remote).*
Designed and implemented a greenfield AWS-based architecture using the Hashicorp stack (Consul, Nomad, Vault, Packer) for hosting containerized applications. Lead the process of containerizing new and legacy applications and introducing continuous delivery and automated lifecycle management. Authored and maintained multiple internal tools to empower non-technical users to interact with various levels of the deployment stack.
- 2017 - 2019** *DevOps Engineer at [Georgetown University](#) (Washington, DC).*
Created a series of tools for internal use including DNS scripting and automation, TLS certificate management, and custom Terraform providers for interacting with proprietary systems. Part of a team that moved applications from on-site VMWare to a multi-cloud architecture including AWS and Google. Architected and implemented a multi-tenant container cluster for microservices and client applications. Designed CI workflow for services deployment and config management.
- 2014 - 2017** *CTO at [Snapshots](#) (Winter Park, FL).*
Designed and wrote a Ruby on Rails API to service a family of client applications including iOS, Android, and React-based web. Built Lambda-based service for uploaded image processing. Managed servers with Terraform and Salt. Engineered deployment strategy with CI pipeline in Jenkins.
- 2013 - 2014** *Web Developer at [Core-Apps](#) (Remote).*
Prototyped Ruby on Rails progressive web app and CMS backend as an alternative to custom native apps. Used internal Ruby framework to import customer data in a variety of formats. Worked on existing administrative codebase to fix bugs and add features.
- 2010 - 2013** *Operations at [Cloudspace](#) (Orlando, FL)*
Installed, configured, monitored, and maintained both physical servers and cloud instances using tools such as Chef, Ansible, and Nagios. Set up and maintained MySQL databases. Assisted developers with deployments and reproducible local environments with Vagrant.

Notable Projects

- 🔗 [jlindsey/semantic](#) — Ruby library for parsing, validating, and comparing semantic version strings.
- 🔗 [jlindsey/cv](#) — This résumé, written in Markdown and automatically rendered and deployed with GitOps.
- 🔗 [jlindsey/do](#) — Terraform-based infrastructure-as-code for my personal cloud on DigitalOcean.
- 🔗 [jlindsey/screencat](#) — Rust daemon for uploading and sharing screenshots using Sendcat

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