**Alex Karpinski** *alexkarpinski.com | email:* [me@alexkarpinski.com](mailto:me@alexkarpinski.com) *| Code: git.sr.ht/~lxkarp*
*Location: Remote, based in Baltimore*

**Skillshare** – *Site Reliability Engineer*                                    *Nov 2021 – Mar 2024*
Classes for creatives by creatives
- Directed the creation and operationalization of Service Level Objectives (SLOs) for all production microservices
- Led cost governance initiatives that prevented tens of thousands of dollars of waste by controlling AWS usage across seven engineering squads
- Developed a Cypress-based User Acceptance Test suite, cutting time to discovering defects from days to minutes
- Maintained production EKS clusters using Terraform and Helm.
- Used my robust understanding of Kubernetes, Linux, and observability to guide other squads towards quality production operations for their services.
- Was a member of 24x7 on-call rotation. Leading and participating in dozens of incident responses and postmortems.

*Technologies: Kubernetes, Datadog, Terraform, AWS, Helm, NodeJS, Cypress*

**Etsy** – *Observability Engineer*                                    *Jan 2018 – Jul 2021*
The marketplace for everything handmade and vintage
- Managed large-scale migrations of metrics, tracing, and logging systems to AWS. Used Terraform to ensure efficient, scalable cloud infrastructure.
- Lead developer for CI/CD pipeline that supported rapid and reliable Elasticsearch configuration across multiple environments.
- Participated in 24x7 on-call rotation. Led the response to multiple production incidents for business-critical production datastores.

*Technologies: Elasticsearch, Prometheus, Graphite, GCP, Terraform, Chef, Kubernetes, CI/CD, NodeJS, Python*

**MOTU** – *Automation Engineer*                                    *June 2015* – December *2017*
Hardware and software for the music industry
- Reduced FPGA build times from hours to minutes by leveraging containerization and AWS Spot Instances.
- Created and automated the process for compiling, packaging, and deploying a custom embedded Linux distribution to a fleet of prototype hardware devices.

*Technologies: Docker, Jenkins, AWS, C++, Python, Ansible, Buildroot*

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| Xinzhou – High School English Teacher | 2015 |
| University of Massachusetts – Software Engineer | 2014 |
| GoSudo.com (defunct) – Software Engineer | 2013 |
| University of Rochester  – Software Engineer | 2010 – 2013 |
| University of Massachusetts – Jr. Linux Administrator | 2009 |