

Jeff Farkas

Software Engineer

Infrastructure, DevOps
San Francisco, California

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I'm an engineer who is in the constant pursuit of learning. My satisfaction comes from generating efficiencies that help my team succeed. I'm energized by opportunities to create from nothing.

Experience

Zeus Living

Software-driven property management for privately-owned homes.
Sep '18 - Dec '22
San Francisco, California

Staff Software Engineer, Infrastructure and DevOps

Mar '20 - Dec '22

- Administered multiple Kubernetes clusters on Amazon EKS.
- Migrated legacy architecture (EC2) to containerized (Docker) services on Kubernetes.
- Developed and maintained Helm charts for services to establish infrastructure-as-code practices.
- Implemented CI/CD for build, test, and deploy phases of services through Buildkite.
- Maintained observability tools, like Datadog, to monitor service health and performance.
- Supported team of 20+ remote engineers across the United States and Singapore.
- Wrote extensive technical documentation, such as runbooks and architecture diagrams.
- Assisted engineers in establishing standard patterns and best practices for development.
- Developed on-call schedules for engineers using PagerDuty to provide 24/7 service coverage.
- Led initiative to become an IPO-ready team through improved security and reduced risk.

Senior Software Engineer, Data

Sep '18 - Mar '20

- Designed, built, and maintained big data architecture on Kubernetes to execute data science and data analytics workloads.
- Built pipelines using Apache Airflow to extract, transform, and load data sources into Amazon S3 data lake and Snowflake data warehouse.
- Managed a team of three engineers that built integrations with third-party data sources and provided engineering support for data science and data analytics teams.

French Girls, Inc.

Social network for artists to create digital art and to earn income from commissions and prints.
Nov '13 - Jun '18
San Francisco, California

Cofounder, Lead Software Engineer

- Designed, built, and scaled backend on Amazon Web Services that managed 50TB of image and video data for 1M users.
- Designed, built, and maintained API in PHP that provided service to iOS app and internal tools.
- Implemented and maintained CI / CD using Atlassian Bamboo to run daily jobs, test and deploy code, and deliver builds.
- Created websites using ZURB Foundation Framework and internal tools using Python for build delivery, application monitoring, and technical support.

- Developed system for automated backups and to provide data exports to users.
- Constructed service leveraging Stripe, PayPal, and Circle Graphics, Inc. that processed 10K transactions generating over \$100K in net revenue to users.
- Created service that generates videos from SVG data using ffmpeg, ImageMagick, and Python.

Minicanvas

Learn to draw using interactive tutorials and games.

Jan '18 - Jun '18

San Francisco, California

Cofounder, Lead Software Engineer

- Designed and built CMS on Google Firebase that allowed creators to upload content and to deliver image and video data to mobile app.
- Built custom CI / CD service to produce Android and iOS builds from Unity project on each commit and to submit them to app stores with one click.
- Developed drawing tools in Unity using C# that allowed users to draw along with video lessons using their fingers.
- Prototyped feature that visualized the accuracy of drawn images to vector images.

Pathmapp

A/B test iOS apps with remote and native interfaces.

Aug '12 - Nov '13

San Francisco, California

Lead Software Engineer

- Designed and built service in PHP on Amazon Web Services that provided backend to custom iOS framework and customer website.
- Built the customer website for configuring and running A/B tests.
- Competed in TechCrunch Disrupt '12 as Startup Battlefield contestant.

Education

Bachelor of Science

Computer Science

Aug '07 - May '11

Penn State University - University Park, Pennsylvania