Samantha Hughes

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Portfolio site

Schedule a meeting

Skills

Python (10 years+), Typescript, Javascript, SQL, Django, Celery, CI/CD, Github/Gitlab, React, Distributed Systems, UI/UX, AWS/GCP, Terraform, Docker, EC2/ECS/RDS, Kubernetes, Redis, Python Packaging, Hubspot, SSO, Analytics, Data engineering, Datadog, OSS

Experience

May 2022 -> Present
Coiled - *Staff Software Engineer*

- Drastically reduced churn with analytics directly feeding information to support engineers, switching user support from a reactive footing to proactive that was no longer reliant on customers reaching out with issues.
    - "Coiled support is amazing. I'll run into an issue and before I have a chance to mention it I have an email in my inbox".
- Doubled conversion rate with a UI onboarding flow that led users through the complicated cloud onboarding process.
- Conceived, designed and implemented the "package sync" feature.
    - 3x faster than traditional docker images.
    - Eliminated the most common cause of errors with Dask in the Cloud.
    - 100% boost to conversion rates and delighted customers.

June 2021 -> May 2022
Coiled - *Software Engineering Team Lead*

- Identified key architecture issues, planned a year long roadmap, and led a top achieving team on a rewrite of core systems, resulting in improved reliability from 70% to 99.9% and up to 5x faster boot times.
- CI/CD and team education that allowed the company to move from deploying once a month to multiple times a day, increasing velocity and reducing deployment risk.

Mar 2021 -> June 2021
Coiled - *Software Engineer*

- Cut CI/CD runtime from 1hr+ to under 5 minutes while reducing costs 5x.
- Migrated all AWS infrastructure for the company to terraform, and set up a slack-ops account "vending machine" to both increase security and accelerate developer experience.
- Crypto-jacking/fraud mitigation.

Feb 2018 -> Mar 2021
Nom Nom Data - *Lead Software Engineer*

- Full Stack Platform Development on a SaSS data engineering product.
- Python, Flask, React, AWS, Docker, CI/CD, Stripe, AWS Lambda, ECS.

Mar 2017 -> Feb 2018
Anaconda Inc - *Junior Internal Data Scientist*

- Data pipeline + dashboarding for web logs of conda package downloads. Data was used by the executive team. Processed and enriched, billions of rows.
- Python, Dask, InfluxDB, Airflow, Postgres, Grafana.

Education

2006 -> 2012
University of Reading, UK - *AI & Cybernetics*