Samson Danziger

Staff Software Engineer

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Professional summary

Staff Software Engineer with 7 years of experience leading cross-functional teams and pioneering advancements in system architecture and productivity. Adept in Agile methodologies, Python, Java, and cloud platforms like AWS and GCP. Proven track record for optimizing legacy codebases, implementing innovative solutions for cost-saving measures, reducing ticket resolution times, and achieving cross-team projects.

Employment history

APR 2024 - PRESENT
LONDON

Staff Software Engineer, Proofpoint (acquired Tessian)

- Tech Lead of a cross functional Engineering team. Responsible for the architecture of the system, and the implementation of all the code written by the team.
- Collaborate with the EM and PM of the team to set the direction of the product.
- Experience with acquisitions, having led customer ID integration between multiple business units.
- Slashed ticket resolution time from 15 days to 2 days by adopting agile methodologies.
- Mentored members of my team, and worked together to deliver software promptly and effectively.
- Built first data access layer for the business unit optimising for adoptability in a legacy codebase, and driving reduced database load.
- Championed the migration of the business unit to a new ticket management tool, ensuring a smooth rollout and adoption across the entire department.

APR 2022 - APR 2024
LONDON

Senior Software Engineer, Tessian

- Acted as the go-to contact for my team, and a key information source in a large domain of the product.
- Involved in the adaptation of the legacy architecture to scale from 5000 users to 50,000 users.
- Spearheaded partnership with feature flag provider, drastically increasing Engineering productivity.
- Developed custom Terraform modules, accelerating service creation process from weeks to hours.
- Implemented autoscaling framework, minimising manual intervention and achieving substantial cost reduction.
- Managed production incidents ensuring that the stakeholders are kept up to date and fixes are pushed through.
- Rejuvenated and lead the Backend Guild to reduce Technical Debt and enforce coding standards department wide.
- Redefined the Engineering onboarding process to make onboarding as pain-free as possible.

MAR 2020 - APR 2022
LONDON

Backend Engineer, Tessian

- Led my team through a new architecture of client deployments, reducing customer setup time to less than 5 minutes.
- Revamped logging system, saving $600k annually.
- Boosted critical endpoint performance by 95%.
- Directed security protocols as Security Ambassador, ensuring incident-free operations.

JAN 2019 - MAR 2020
LONDON

Software Engineer, The Look

- Created several workflow automation improvements from inception to completion.
- Saved 800+ people hours / month (99.96%) by automating manual tasks, allowing a two week headstart over their competitors.
- Created an extensible file indexing framework for on-prem petabyte level storage.

| JUN 2017 - JUL 2018 | **Software Engineer, Citrix Systems** |
| CAMBRIDGE | |

- Initially involved in the Xen Hypervisor and Linux kernel development before pivoting to team more focused on dev tooling.
- Reduced build times by 90% by re-engineering Jenkins CI pipelines to detect failures at the earliest stage.

Education

SEP 2014 - JUN 2017	**BSc Computer Science, University of Southampton**
	Awarded 2:1
SEP 2018 - JUL 2019	**MEng Computer Science, University of Southampton**
	Awarded 2:1.
NOV 2023	**Architecting on AWS**

Skills

Python (Expert)

Java (Skillful)

Terraform (Experienced)

AWS (Experienced)

PostgreSQL (Skillful)

Docker (Experienced)

GCP (Beginner)

JWT (Skillful)

Agile Methodologies

Microservice Architecture

Event Processing

Domain-Driven Design

Incident Management

Problem Solving

Effective Communication

Team Leadership

Languages

English (Native)

Italian (Novice)