

Matt Tuchfarber

✉ matt@tuchfarber.com 📍 Cincinnati, Ohio 🌐 www.tuchfarber.com

Full stack engineer with a focus on platforms: backend, infrastructure, tooling, and automation.

Education

Master of Science, Computer Science
University of Texas at Austin
Graduated May 2023

Bachelor of Science, Computer Science
University of Cincinnati
Graduated April 2017

Expertise

Python, Django, Linux, Javascript, React, HTML, CSS, MySQL, Redis, Bash, Docker, Git, Terraform, Kubernetes, AWS, Digital Ocean, Github Actions, Jenkins, Go

Experience

Senior Software Engineer / Senior Site Reliability Engineer Sept 2022 - Present
Klaviyo, Boston, Massachusetts (Remote)

- Designed and implemented a continuous delivery system for our main monolith, removing one of the largest inhibitors of velocity and stressors for our product engineers
- Migrated our main repository and guided migrations of our other major repos to a merge queue model, greatly increasing our artifact safety and minimizing toil
- Lead work on an ML-driven approval management system which enabled our customers to send custom transactional messages to their customers in a heavily regulated space
- Integrated a second vendor for our SMS operations enabling significant short and long term savings
- Managed and completed a company-wide Django upgrade ahead of schedule and below cost

Senior Software Engineer Dec 2021 - Aug 2022
Tidelift, Boston, Massachusetts (Remote)

- Implemented a priority queuing system which unblocked our heavily asynchronous codebase
- Developed features that worked in parity across web, developer APIs, and CLI
- Brought forward developer experience improvements in the form of code consistency, documentation, and containerization

Senior Software Engineer II Jul 2021 - Dec 2021
Senior Software Engineer I Jul 2019 - Jul 2021
Software Engineer Jun 2017 - Jul 2019
edX, Cambridge, Massachusetts (Remote)

- Senior developer for our white label business and leader of a trusted team which built solutions to ambiguous problems
- Bridged the gap between Devops and Engineering by piloting and expanding an "embedded SRE" guild which empowered product engineers to take ownership of their infrastructure
- Supported developers across teams by leading book clubs, [authoring open-source community standards](#), and giving engineering presentations
- Allowed my team to focus on development rather than process through automation and smart infrastructure
- Spurred innovation by expanding our plugin system to allow plugins to add context to arbitrary pages

Web Applications Developer Jan 2016 - May 2017
Level II Support Technician Jan 2014 - Apr 2016
General Cable Corporation, Highland Heights, Kentucky

- Led investigations into our ERP modernization by building custom API bridges for our legacy back-end
- Enabled the business to better consume business data through custom development solutions
- Created a [custom desktop toolbox](#) to speed up frequent manual support work for the team

References: Available upon request