

Chloe Mathews

DevOps Engineer

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Summary

Software and operations engineer with 7 years spanning backend development, automation, and infrastructure. Recent work includes consolidating three internal backends into a single FastAPI service and migrating internal frontends to a React + Vite SPA.

Work Experience

DevOps Engineer — Endsight

Nov 2021 – Present

- Built user on/offboarding automation — a Flask UI backed by a FastAPI service and Postgres — integrating Workday, Entra, and internal systems via API and saving up to 4 hours per employee action.
- Consolidated three internal app backends (two Flask, one FastAPI) into a single FastAPI service, refactoring shared logic and strengthening tests and linting for maintainability.
- Migrated internal frontends from Flask/Jinja templates and Streamlit to a React + Vite SPA with msal-react authentication, building responsive UI with TanStack components and Tailwind and moving business logic into the backend API.
- Migrated internal services from on-premises Docker deployments to Azure Container Apps, rewriting build and deployment pipelines and defining infrastructure in Bicep for staging and production.
- Manage the internal GitHub organization's access, policies, and structure to support engineering delivery and security across a 150-employee MSP.

NOC Engineer — Flextechs

Jan 2020 – Nov 2021

- Led recovery efforts after client security incidents, including ransomware attacks.
- Led compliance and security initiatives to strengthen HIPAA and PCI controls.
- Partnered with clients to improve monitoring and operational stability for backups and internal systems.

Ops Technician — IP Services

Jun 2019 – Jan 2020

- Deployed and managed client network infrastructure (Fortigate, Juniper, Cisco; monitored with SolarWinds) in a colocation environment.
- Troubleshoot client network and connectivity issues.

Education

Lane Community College

2018 – 2019

AAS • Computer Network Operations

Skills

Software: Python (Flask, FastAPI), React, TypeScript, Tailwind, Postgres

DevOps: Ansible, Bash, Bicep, GitHub Actions, Docker

Cloud: Azure (Container Apps, Postgres), Cloudflare ZTNA

Observability: Honeycomb, OpenTelemetry, Grafana

Systems: Linux, Windows Server, Active Directory