Elizabeth Fortanely

elizabeth@fortanely.com | elizabethfortanely.com | Austin, TX

SKILLS

Programming Languages: Python, JavaScript/TypeScript, Go, C++, Java
Web Development: React, HTML/CSS, GCP, REST, gRPC, Flask, FastAPI, Postman, Figma
Data Analytics: SQL, PyTorch, Grafana, Looker, Pandas, NumPy, Scikit-Learn, Matplotlib, Jupyter
CI/CD: Docker, Kubernetes

EXPERIENCE

Snap Inc. Feb 2021 – Aug 2022
Software Engineer Seattle, WA

My Lenses APIs Portal

- Led front-end development in a cross-functional effort for a feature empowering creators to seamlessly request access to external API endpoints, resulting in a 50% increase in web app functionality
- Led the redesign and migration of legacy JavaScript code to TypeScript/React; developed and implemented a custom table component for enhanced search, sort, and filter capabilities of API endpoints, leading to a 30% reduction in load times
- Spearheaded the creation of UI mock-ups in Figma and collaborated with designers to ensure alignment with Snap Design System standards

Spectacles Test Hub

- Collaborated with a team of 3 engineers to launch a new high-impact Spectacles testing suite web app, utilizing JavaScript/React and Python/FastApi to integrate robust debugging tools, resulting in a 25% increase in developer productivity and streamlined testing procedures
- Conceptualized and crafted UI mock-ups for 3 key pages with Figma, directing successful implementation by two engineers, resulting in improved functionality and visual appeal of the platform

Build Artifacts Dashboards

- Developed Grafana and Looker dashboards using SQL and LookML for Spectacles' build artifacts under the guidance of a senior engineer, enabling the team to optimize resource allocation, resulting in a 30% reduction in memory waste and increased operational efficiency
- Integrated Python and Bash scripts into the build pipeline to capture and upload build artifact metrics to GCP BigQuery and Grafana Cloud, introducing real-time monitoring capabilities
- Spearheaded enhancing internal API functionality using Python

Software Engineer Intern May 2020 – Aug 2020

- Engineered and deployed a robust Android CTS/VTS testing framework using a high-performance gRPC API and Go server infrastructure, utilizing a Google Cloud SQL database, and implementing a JavaScript/React web application to showcase comprehensive test results, enhancing overall test coverage by 20%
- Containerized and deployed back-end and front-end services using Docker and Kubernetes
- Delivered an engaging project presentation to organizational members, detailing project motivations, cutting-edge architectural designs, and the profound impact on engineering productivity

EDUCATION

The University of Texas at Austin Expected May 2027
M.S. Artificial Intelligence GPA: 4.0

- Relevant Coursework: Deep Learning, Natural Language Processing

The University of Texas at Austin Dec 2020
B.S.A. Computer Science, Minor in Studio Art GPA: 3.5