

Ellie Dynes

Elliedynes123@gmail.com · Brooklyn, NY · linkedin.com/in/elliedynes · (206) 724-3194

TECHNICAL SKILLS

Languages: Go, Python, Java, JavaScript, SQL

Backend & Distributed Systems: etcd, gRPC, Protobuf, REST APIs, OAuth 2.0, JWT

Cloud & DevOps: AWS, GCP, Kubernetes, Docker, GitLab CI/CD, Prometheus, Grafana

EXPERIENCE

F5 – Software Engineer II

October 2024 – Present

- Improved customer-support page load times by 10x, from up to 20 seconds to approximately 2 seconds, by designing and implementing pagination in Go for F5 Distributed Cloud's Kubernetes-based platform.
- Reduced user-disable latency from approximately 12 seconds to 1 second and led enhancements to tenant deletion, including architecture and integrations with downstream email and metrics services.
- Led technical research and proof-of-concept development for an identity-provider migration, evaluating Okta, Auth0, Amazon Cognito, and Microsoft Entra ID.
- Orchestrated FedRAMP vulnerability remediation, represented the team in cross-functional vulnerability reviews, and mentored engineers contributing to the initiative.

F5 – Software Engineer I

August 2023 – September 2024

- Delivered the migration of F5 Distributed Cloud's customer-support platform from Zendesk to Salesforce, leading the initial proof of concept, co-designing the architecture, and coordinating consultants and internal teams through production delivery across thousands of tenants.
- Built and operated Go microservices backed by etcd across AWS and GCP, implementing OAuth 2.0 and JWT-based service authentication and deploying containerized workloads with Docker and Kubernetes.

F5 – Software Engineer Intern

June 2022 – September 2022

- Designed and published REST APIs for the NGINX Controller API Management product in Go.
- Expanded unit-test coverage while improving and maintaining core product code.

Expedia Group – Data Analyst/Scientist Intern

June 2021– August 2021

- Built a Python, SQL, and Spark data pipeline powering a Tableau dashboard for the Customer Engagement team.
- Conducted time-series analysis using CausalImpact and communicated findings and design decisions to stakeholders.

Tableau – Student Ambassador

August 2019 – June 2020

- Led and organized Tableau workshops to effectively teach students at Cal Poly how to easily analyze and visualize data with Tableau
- Exclusively represented Tableau while promoting strong relationships between Tableau and Cal Poly's student body
- Youngest ambassador to have represented Tableau at the time

LEADERSHIP AND ACTIVITIES

F5 Pride EIG – Member

2022 – Present

48-Hour Game Jams with Cal Poly Game Development Club – Game Developer

September 2021 – June 2022

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science in Statistics, Minor in Computer Science

Winter 2022