



Lisa Durham

IoT Software Engineer
sdavies@example.net | (894)354-1118 | Port Wayne, Tuvalu

SKILLS

Go • gRPC • Kubernetes • Prometheus • Docker • MQTT • CoAP • Microservices • CI/CD (GitOps, Jenkins, GitHub Actions) • Terraform • Helm • Linux

EXPERIENCE

IoT Software Engineer — DeltaNet Labs

January 2023 – Present

Led development of Go-based microservices powering 5,000+ IoT devices; implemented gRPC APIs with end-to-end encryption. Deployed services on Kubernetes clusters, achieving 99.95% uptime and automated Prometheus dashboards, reducing mean latency by 30%. Implemented CI/CD pipelines with canary deployments, shortening release cycles by 40%.

Backend Engineer, IoT Platform — NexTech Systems

June 2020 – December 2022

Designed Go microservices for device onboarding, telemetry ingestion, and command control using gRPC. Containerized services with Kubernetes and optimized Prometheus metrics, reducing average cold-start time by 25% and MTTR by 35%. Established robust testing and monitoring, improving system reliability.

Software Engineer, IoT Platform — Valence Innovations

August 2018 – May 2020

Built an edge-to-cloud data pipeline supporting MQTT/CoAP for thousands of devices using Go services and gRPC microservices. Deployed on Kubernetes to scale telemetry ingestion and provide real-time Prometheus dashboards. Implemented DevSecOps practices to improve deployment security and reliability.

EDUCATION

Bachelor of Science in Computer Science

Port Wayne University

Graduated: 2016