Benjamin Fitzharris

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Education

BSc of Computer Science - University of British Columbia: 2017-2022
Google Cloud Associate Cloud Engineer Certification: January 2024
Google Cloud Cybersecurity Certificate: September 2024

Experience

Isocapnic - Breathe Way Better App - Kelowna, BC, Canada
March 2025 - Present

- Built an adaptive and responsive UI across multiple platforms using Flutter and Dart
- Configured multiple Firebase environments that serve as testing and backup infrastructure
- Turned Stakeholder requirements into features and robust code

Junior Full Stack Developer - WTFast - Kelowna, BC, Canada
July 2022 - December 2023

- Developed a concurrent data pipeline in Go, managing the real-time extraction of data from diverse sources in NATS and facilitating its upload to multiple databases including ElasticSearch, Redis and Neo4J
- Devised a database migration plan, for transitioning from NATS KV to Redis, including the setup and testing of various Redis cluster structures
- Engineered a versatile backup and restore tool compatible with both NATS and Redis systems
- Implemented a monitoring infrastructure across three environments using Prometheus and Grafana to track systems and data processing performance
- Configured Github Actions for CI/CD on internal services
- Contributed to QA responsibilities as a key member of the Core Team

Skills

Programming Languages:
Go, Dart, TS, Java, Python
Databases and Cloud:
Firebase, NATS, GCP, Elasticsearch, Redis, SQL, Prometheus, Neo4J
Tools and Platforms:
Git, Docker, Flutter, Powershell, Linux, Grafana, HTML, CSS, Agile, Kanban