VICTOR MACIEL

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Results-driven **Software Engineer** with **2+ years** of proven experience delivering high-quality, scalable applications. Skilled in **full-stack development** and **DevOps** practices, adept at **Agile** methodologies, and recognized for bridging technical and business requirements into innovative software solutions. Eager to leverage cutting-edge technology, leadership, and collaboration skills to drive product success in a forward-thinking organization.

TECHNICAL SKILLS

Languages & Frameworks: Angular, TypeScript, Python, FastAPI, Kotlin, HCL, Flask, React
Cloud & DevOps: Google Cloud Platform (GCP), PostgreSQL, BigQuery, Dataflow, Pub/Sub, Filebeat, Elasticsearch, Docker, Kubernetes, GitLab, Datadog, Terraform
Tools & Methodologies: Agile/Scrum, CI/CD, Testing (Unit/Integration)

EDUCATION

University of Washington   **Seattle, WA**
Bachelor of Science in Informatics   Sept 2020-June 2022

WORK EXPERIENCE

Zonar Systems   **Seattle, WA**
Software Engineer   Jan 2023 – Feb 2025
- Built 10 end-to-end **UI applications** using **Angular** and company pattern libraries
- Leveraged **RxJS operators** for efficient **API** calls
- Contributed to 8 **RESTful APIs** that provided services to UI applications
- Designed and optimized **Elasticsearch** queries for data retrieval performance
- Implemented custom business logic for **CARB emission restrictions**, ensuring **API** compliance
- Integrated **Pub/Sub messaging** for **event-driven architecture**, enabling **asynchronous processing**
- Developed a **Dataflow** job using **Kotlin**, enabling efficient stream and batch data processing in **GCP**
- Configured **GCP**'s monitoring suite to track performance, detect anomalies, analyze response times
- Automated **cloud infrastructure** with **Terraform**, building out **monitors** and **dashboards**
- Configured **Datadog APM** to track applications, monitor latency, and set up alerting

Sirrus7   **Seattle, WA**
Junior Software Engineer   Jun 2022 – Dec 2022
- Assisted in developing a **map UI application** using **Angular**, providing an intuitive interface
- Built reusable **UI components** in **Angular** using **Material (Mat) library**, including tables, date pickers, etc
- Provided extensive **test coverage** for **15+ components and services** for **UI application**
- Engineered a reliable **backend service** with **Python** and **Flask**, handling **high-volume requests**
- Utilized **Google BigQuery** for efficient, scalable **data warehousing** and performance optimization