

VICTOR MACIEL

505-340-8070 | victorgmaciel@protonmail.com | Seattle, WA | <https://www.linkedin.com/in/victor-maciel008>

Full-Stack Software Engineer with **3+** years of experience in secure, scalable backend, frontend, and database development. Skilled in **Python, FastAPI, Angular, React, JavaScript/TypeScript, SQL, Terraform**, and **GitLab CI/CD**.

PROFESSIONAL EXPERIENCE

Software Engineer | Zonar Systems | Seattle WA

Jan 2023 – Feb 2025

- Developed and maintained 5+ REST APIs **with FastAPI** and **Python** for telematics integrations and **ELT** data pipelines.
- Designed and deployed scalable services on **Kubernetes** clusters, configuring resource limits and rolling updates to support growing workloads.
- Automated infrastructure with **Terraform** and managed **CI/CD** workflows using **GitLab**, improving deployment reliability.
- Wrote **Bash** script to scaffold full-stack apps with **Angular** frontend and **FastAPI** backend, automating project setup.
- Instrumented services with **Datadog** for metrics, logs, and alerts, improving system observability and reducing **MTTR** by 20%.
- Built and maintained 10+ dynamic UI components in **React** and **Angular** across 3 production applications, reducing page load times by 30% and improving user engagement metrics by 20%.

Junior Software Engineer | Sirrus7 | Seattle WA

June 2022 – Dec 2022

- Built high-performance backend service in **Flask (Python)** handling 10K+ daily requests with low latency.
- Implemented API-driven features to support **geospatial data** workflows in a web-based Angular application.
- Contributed to infrastructure as code using **Terraform, Docker**, and deployed services to **GCP**.

Machinist Mate | U.S. Navy | Bangor WA

Dec 2013 – Dec 2018

- Oversaw Auxiliary division readiness by **managing operations** through maintenance tracking system.
 - **Refined leadership and critical decision making** across 10 U.S. navy deployments.
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TECHNICAL SKILLS

Language + Frameworks: Angular, React, TypeScript, JavaScript, HTML, CSS, Python, FastAPI, Flask, HCL, Bash, SQL

Cloud + DevOps: GCP, Azure, YAML, BigQuery, Elasticsearch, Docker, Kubernetes, Git, Datadog, Terraform

Tools + Methodologies: Agile/Scrum, CI/CD, Unit & Integration Testing, Infrastructure as Code, Monitoring and Logging

EDUCATION

Master of Science – Information Management (AI Specialization)

Expected June 2027

University of Washington | Seattle, WA

Bachelor of Science - Informatics

Sept 2020 - June 2022

University of Washington | Seattle, WA