

# Nathan Van Kempen

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Honolulu, HI

## EDUCATION

**University of San Diego** - Aug 2024

**B.A. in Computer Science** - Concentration in Data Science & Artificial Intelligence

## TECHNICAL INDEPENDENT CONTRACT WORK

**Legara Inc** - Data & Cloud Engineer

Remote | Aug 2024 - PRESENT

- Architected HIPAA-compliant AWS infrastructure, ERP and ETL pipelines for clinic-sourced data, including secure networking, audit logging, and automated data workflows.

**University of Portland** - Software Engineering Contractor

Remote | Aug 2026 - PRESENT

- Selected to design and develop a conference portal, translating university requirements into a production-ready web platform.

**Luvero** - Software Engineer

Remote | Dec 2024 - PRESENT

- Designed and built a production-ready zero-knowledge task-management application with client-side cryptography, PostgreSQL row-level security, role-based access control, and encrypted collaboration workflows.

**Financial Engineering Firm** - Data Engineer

Remote | Oct 2024 - PRESENT

- Developed a Python-based multi-client ledger and ETL system that standardizes financial data from multiple institutions, automates transaction processing, and generates reporting outputs.

**Additional client work:** production web platforms for aviation and hospitality organizations; selected work at nathanv.dev.

## AVIATION EXPERIENCE

**Pacific Flight Academy** - Flight Instructor

Honolulu | Feb 2026 - PRESENT

- Provide individualized FAA Part 61 flight and instrument instruction, translating technical concepts into practical lessons and structured feedback.
- Teach weather interpretation, flight planning, risk management, and aeronautical decision-making in Hawaii's tropical operating environment.

**Hawaii Glider Rides** - Co-Owner & Pilot

Waialua | Jul 2026 - PRESENT

- Developing a commercial glider-tour operation, including operational planning, customer systems, booking infrastructure, marketing strategy, and launch strategy
- Integrate aviation operations, safety considerations, and digital systems into business.

## FAA Certifications:

**Commercial Pilot** - ASEL, Instrument Airplane, Glider | **Endorsements:** Complex, High Performance

**Certificated Flight Instructor** - Airplane Single Engine, Instrument Airplane;

**Ground Instructor** - Advanced, Instrument

## LEADERSHIP & SERVICE

**Soar Hawaii Foundation** - Board Member & Technical Director

Waialua | Feb 2026 - PRESENT

- Build and manage soarhi.org and internal tools; support fundraising, outreach, student resources, waivers, donations, and an FAA pilot workforce grant application.

**Commemorative Air Force (Hawaii Wing)** - Adjutant Officer

Honolulu | Jun 2026 - PRESENT

- Build and manage the Hawaii Wing website and maintain unit records and correspondence.

**Pi Kappa Phi** - Risk Manager Chairman; Standards Chairman

San Diego | Sep 2022 - May 2024

## ACTIVITIES & AWARDS

**Professional Asian Pilot Association (PAPA)** - Member

**Endeavor Air Scholarship Recipient** - PAPA Spring 2024

**PAPA Expo Volunteer** - 2024/2025