

# Nathan Koike

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## Intro

Born and raised in Honolulu, Hawaii, an experienced engineer with a relentless passion for technology, innovation, and delivering exceptional results. A collaborative leader and mentor who values inclusivity, continuous learning, and fostering a supportive team environment. Equipped with a diverse skillset encompassing various disciplines such as audio engineering, welding, and theatrical performance, offering a unique perspective and adaptability to tackle complex challenges. Committed to driving forward-thinking solutions and leveraging cutting-edge technologies to achieve success.

## Technical Skills

Programming Languages	3-5 Years: Python, SQL, Java, JavaScript, TypeScript, C++
	1-3 Years: C#, Haskell, Clojure, Rust, Go (Golang), Ruby
Software/Framework/Libraries	ServiceNow, Dialogflow ES/CX, Google Cloud Platform (GCP), React, Tensorflow, Node.js

## Technical Experience

### Senior Developer & Lead Systems Analyst

May 2022 - Present

eWorld Enterprise Solutions

Honolulu, HI

- Developed webservice for [Google award-winning project](#) to support over 1,000 concurrent users, achieving optimal system performance by minimizing external database queries and streamlining code execution.
- Migrated 1.2M+ detailed customer support tickets across cloud platforms using custom Python scripts, achieving 99.9% data retention and ensuring uninterrupted operations.
- Designed and executed a Python-based data transformation algorithm, slashing developer time for data migrations and transformations by up to 84% per project.
- Mentored and trained a close-knit team of 4 developers, conducted instructional and collaborative development training exercises and tasks.
- Deployed AI-driven cloud solutions for government call centers handling up to 10,000 calls daily, boosting call handling efficiency and effectiveness.
- Constructed and managed over 200 internal and customer-facing reports to create holistic data analysis and visualization across multiple projects, teams, and platforms.

### Full Stack Developer

August 2021 - May 2022

DigiTo, LLC

Remote

- As a founding developer, conceptualized and built a dynamic tech stack for creating trading website with 20+ adaptable web pages.
- Constructed and set up a scalable backend using MongoDB and Express, enhancing database performance and cutting user data storage by up to 40%.
- Boosted system performance through a database caching algorithm, achieving a 62.3% decrease in external API calls.

### Backend Engineer Intern

June 2020 - August 2020

DataHouse US

Honolulu, HI

- Designed Python-based tools to interface with USB devices, cataloging 100+ essential equipment items and refining inventory processes.
- Crafted a robust backend server to accommodate over 3,000 simultaneous users for unemployment relief, guaranteeing seamless user interactions and prompt request handling.

## Education

### Hamilton College

Clinton, NY

Bachelor of Arts in Computer Science and Asian Studies