

Caleb Wood

Software Engineer

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[LinkedIn](#) | [GitHub](#) | [Website](#)

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, HTML & CSS
Tools: React, NextJS, Node.js, Tailwind, Flask, Git, GitHub, Linear, Jest, Selenium, Figma, Motion
Databases: Postgres, Firebase, AWS S3, AWS RDS, GCP, MongoDB, PG, PGAdmin, PSQL, SQLAlchemy

PROFESSIONAL EXPERIENCE

University of Hawaii at Manoa | UHERO Dec 2023 – Current
IT Specialist - Full time Honolulu, US

- Design, build, maintain, and customize database and website applications, information and content structure, user interface for multi-platform, multi-user systems.
- Manage and maintain the operation of existing hardware, software systems, and databases used by the University of Hawaii Economic Research Organization (UHERO) faculty and fellows, by outside collaborators, and by the general public.

Legends | Educational Platform Jun 2023 – Nov 2023
Full Stack Software Engineer - Contract San Francisco, US

- Developed mobile-first full-stack features using NextJs, TypeScript, Tailwind, and Firebase for an educational platform, serving 1200+ users and 300+ paid subscribers. E.g. onboarding, stripe payments, SMS and email notifications, webhooks, admin dashboard, task scheduling, privacy acknowledgment, and data storage/transformation.
- Utilized Firebase and Google Cloud Platform (GCP) to sync data in real-time, implement analytics and security, and enable seamless web-to-app navigation while capturing user behavior insights to inform future product decisions.

Quixi | Visitor Management System for Senior Care Facilities Jul 2022 – Jan 2023
Full Stack Software Engineer - Contract San Francisco, US

- Developed internal tools using Python-Flask and external APIs to enable webhook-based automated service monitoring for over 4300 clients, resulting in increased efficiency and improved communication between staff and their respective clients.
- Designed and implemented an automated SMS-based review system using Flask, Postgres, and Twilio that improved the user experience (UX/UI) and boosted the customer satisfaction score by 30%.

La Foret | Financial Literacy App for Kids Aug 2022 – Feb 2023
Full Stack Software Engineer - Founder San Francisco, US

- Designed and developed a prototype Node and React Native app under a CI/CD approach balancing development speed with stakeholder feedback, resulting in a successful demo that exceeded stakeholder expectations.
- Collaborated with investors and clients to better understand customer needs and establish successful partnerships.

Numbers | Popular Trivia Web-API May 2022 – Jun 2022
Software Engineer Intern San Francisco, CA

- Successfully re-wrote a 12-year-old **Node-Express** API with 17,000 monthly visits, transforming it from a generally unstructured codebase to MVC architecture that allowed for future iteration and scalability.
- Leveraged **Jest** testing library to produce automated test suites that ensured functionality transfer and achieved over 80% test coverage, saving future developer time and improving code quality and readability.

PRIOR WORK EXPERIENCE

Bank of Hawaii | Project Coordinator - owned and managed high-volume project pipeline Jun 2019 – Jul 2021

EDUCATION

Rithm School | Certificate in Full Stack Software Engineering Completed Jul 2022

The University of Hawaii at Manoa | B.A. of Economics Graduated Aug 2015