Kelvin Lau

Full Stack Software Engineer ♦ Active Secret Clearance

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SUMMARY

Experienced Military Veteran, Full Stack Software Developer, and former Database Admin with a strong project delivery record. Proficient in Python, Django, React, and passionate about coding. A disciplined, collaborative problem solver excited to contribute to innovative software development in fast-paced environments.

SKILLS

Languages: JavaScript • Python • HTML • CSS • SQL • JSON
Front End: React • Cypress • Material UI • Figma
Back End: PostgreSQL • Docker • Node.js • REST APIs

PROJECTS

WhizList - Full Stack web application utilizing Google Places API & Refuge Restrooms API
WasteNot - Full Stack web application utilizing Spoonacular API & OpenAI
Portfolio - Responsive front end application built with React and react-spring

WORK EXPERIENCE

Database Administrator ♦ ESO Fund | San Mateo, CA | 2022 – 2023
- Collaborated with a team of developers in an Agile environment, contributing to the development and maintenance of innovative software solutions.
- Utilized Javascript and JQuery to assist in the design and implementation of new features and functionalities for the company's proprietary sorting algorithm
- Oversaw the management of the IPO database using Python and SQL, ensuring the consistent accuracy and optimal performance of data for five distinct funds.
- Demonstrated expertise in financial reporting, resolving GAAP basis calculations to prevent discrepancies valued at over $100M across four funds

Avionics Technician ♦ US Air Force | Mountain View, CA | 2014 – Present
- Utilized precision test, measurement, and diagnostic equipment to ensure seamless functionality of sophisticated systems
- Collaborated with cross-functional teams to optimize aircraft performance and achieve mission readiness.
- Mentored and guided apprentice technicians, fostering their development into skilled and certified maintainers proficient in multiple airframes
- Developed and provided guidance for the control and protection of various avionics equipment collectively valued in excess of $8M

Education

Code Platoon ♦ Chicago, IL (2023) - Accelerated Full Stack Software Engineering Program
Thomas Edison St. University ♦ Trenton, NY (2016-2020) - Bachelor of Science: Business Administration