

Ethan Flores

Full Stack Software Engineer

ethan.flores.js@gmail.com | Santa Barbara, CA | 808-728-5029 | [LinkedIn](#) | [Git Repository](#)

Technical Skills

Programming: Python 3, JavaScript ES6+, SQL, HTML5, CSS

Front-End: React, React Hooks, Redux Toolkit, DOM manipulation, Websockets

Back-End: FastAPI, Django 4, MongoDB, PostgreSQL, RabbitMQ

System Design: Microservices, Monolith, Domain-driven design, Message passing, Event Sourcing

Application Development Experience

Full Stack Software Engineer | Animos | gitlab.com/maison99/animos

Techstack: Python, JavaScript, React, Redux, Bootstrap, FastAPI, MongoDB, Docker, Git
Social web app connecting a community of pets and pet owners by scheduled social events

- Integrated **JWT authentication** with **FastAPI** enabling robust user authentication with streamlined login and **token generation** process ensuring secure access control
- Integrated real-time and forecasted weather updates from a **third-party API** into scheduled events, enhancing user experience with essential information
- Utilized **React Redux Hooks** to facilitate a "Follow Friends" functionality, enhancing the social interaction capabilities of the application

Full Stack Software Engineer | AutoVantage | gitlab.com/radodd/car-car

Techstack: Python, React, Bootstrap, JSX, HTML, CSS, Django, SQLite, Insomnia, Docker
Car dealership app to aid business management – inventory, services center, and sales

- Designed and integrated a robust data poller using **Python** to fetch and display real-time information from external APIs.
- Implemented asynchronous task handling to periodically update the applications's frontend, resulting in a dynamic and up-to-date user experience
- Configured the automobile list view and incorporated a delete functionality by implementing **Bootstrap, React, and JSX**, resulting in increased user engagement and a more visually appealing user interface

Professional Experience

American Indian Health and Services, Dental Front Office 2022-2023

- Supported administrative intake services for Spanish-speaking, Native American, and low-income patients, enhancing insurance verification accuracy of 35-40 patients daily
- Promoted culturally sensitive practices, fostering higher patient satisfaction and clinic efficiency

U.S. Army Officer, Combat Engineer 12A 2016-2021

- Forecasted engineering training needs and orchestrated intricate logistics for transporting personnel, ammunition, and explosives across inter-island and CONUS routes for 350+ members
- Authored three battalion training SOPs in adherence to established protocols through careful planning and clear communication to ensure mission preparedness of five companies

Education

Hack Reactor, Advanced Software Engineering Certificate 2023

- 750+ hour intensive program covering the fundamentals of computer sciences and full-stack software engineering

University of Guam, B.S. in Health Science, Pre-Physical Therapy 2016

Courses: Physics, Statistics, Chemistry, Anatomy and Physiology, Epidemiology