Floyd Wong Ngov
Full Stack Software Engineer

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Technical Skills

Programming: Python 3, Javascript ES6+, SQL, HTML5, CSS
System Design: Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing
Back-End: Django 4, PostgreSQL, MongoDB, Apache Kafka, RabbitMQ
Front-End: React, Websockets, DOM manipulation
Dev Tools: Git, Gitlab, Insomnia, Postman, Docker

Application Development Experience

Task Manager, *Independent* | gitlab.com/floydngov/TaskManager | *Full Stack Developer*   **2022**
- Developed a full-stack architecture task management application featuring functions such as projects, tasks, and incorporations of user authentication through login, logout, and sign-up capabilities.
- Utilized front-end programming with CSS3 static rendering on top of a back-end programmed Django3 framework to create a multi-tier monolithic application.

CarCar, *team of two developers* | gitlab.com/floydngov/CarCar | *Full Stack Developer*   **2023**
- Developed a fully functioning car dealership application that manages sales, services, and inventory data.
- Created a microservice architecture utilizing RESTful API framework, with a robust Django back-end and user-friendly React front-end while adhering to domain-driven design principles.
- Implemented Docker containerization to achieve a portable, scalable, and resilient web application deployment.

Narrative Dojo, *team of four developers* | https://narrative-ninjas.gitlab.io/module3-project-gamma | *Full Stack Developer*
2023
- Developed a front-end React application with a back-end FastAPI server that allowed children to create their own storybooks, which utilized the DALL-E 2 API for image generation.
- Designed and implemented a user-friendly interface for children to select characters, settings, and props, add their own text, and generate unique storybooks with custom images.
- Utilized SQL to create database tables and implemented a robust data storage system to save users' created stories, including text and generated images, allowing for easy retrieval and editing. Demonstrated strong proficiency in React, FastAPI, API integration, and SQL, as well as strong teamwork and communication skills throughout the project lifecycle.
- Deployed the application using CapRover, enabling easy deployment and management of the application in a production environment, and gained experience with CI/CD pipelines during the deployment process.

Professional Experience

Life Extension | Wellness Specialist | Las Vegas, Nevada   **2019-2022**
- Delivered health advisory services that contributed to the enhancement of the health and well-being of hundreds of clients, resulting in improved health outcomes.
- Expertly reviewed lab results to formulate personalized diets, hormone replacement therapy recommendations and provided advisement on supplement use for optimal health.
- Provided expert advice to hundreds of clients weekly on potential medication interactions and effective health management techniques via documentation, phone conversations, and healthcare provider referrals.

Nevada Community Health Worker Association | Intern | Dayton, Nevada   **2019**

- Partnered with local healthcare providers to expand Medicaid recipients' access to essential mental health services.
- Informed and educated Medicaid recipients of the various benefits, provider options, and resources available to them.
- Accomplished the organization's goals through collaborative efforts alongside team and community members.

Education

Hack Reactor | *Certificate in Advanced Software Engineering* **2023**
Over 1000 hours of coding in an Agile environment resulting in monolithic mastery and experience in microservice machinations and managed matters.
Colorado State University Global Campus | *Master of Healthcare Administration* **2022**
Specialization: Information Systems, Cloud computing, AWS, Google Cloud
University of Nevada, Reno | *B.S Public Health* **2019**