

# Kent Phan

(626)-898-1115 | [kentphan2000@gmail.com](mailto:kentphan2000@gmail.com) | [linkedin.com/in/kentphan2000](https://www.linkedin.com/in/kentphan2000) | [github.com/MoltenFuzzy](https://github.com/MoltenFuzzy) | [moltenfuzzy.com](https://moltenfuzzy.com)

## EDUCATION

**Computer Science, B.S. | University of California, Riverside** Sept 2022

- GPA: 3.5 – Relevant Coursework: Embedded Systems, Compilers, Operating Systems, Software Engineering, Natural Language Processing, Data Analysis, Web Development, Game Development, Virtual Reality

## EXPERIENCE

**IHSS Provider | In-Home Supportive Services** Dec 2022 – Present

- Proficient in providing in-home care for individuals with disabilities, elderly, or chronic conditions, including assistance with daily tasks, communication, and client financial management.

**Secretary | Computer Science Club** Sept 2019 – June 2020

- Introduced and taught general programming concepts such as variables, conditionals, loops, and Object Oriented Programming to students during workshops.

## PROJECTS

**Kennekt | TypeScript, Nextjs, React, tRPC, Tailwind, PostgreSQL, Prisma, AWS S3** Sept 2022 – Present

- Created a comprehensive full-stack web application that serves as a dynamic social media platform, offering users a range of features for connecting and sharing content with one another.
- Designed a user authentication system utilizing NextAuth.js and database sessions, providing secure and efficient verification of user credentials.
- Utilized AWS SDK to generate presigned URLs in the backend, ensuring secure sharing of media files from S3 bucket with the frontend, reducing the risk of unauthorized access or data breaches.
- Revamped backend infrastructure for smooth type safety and improved developer experience, moving from GraphQL to tRPC.

**ApeJobs | JavaScript, MongoDB, Express.js, React, Node.js, Material UI, Agile/Scrum** April 2022 – June 2022

- Developed a full-stack web app for UCR students and professors with a team of 4 students, following an agile workflow.
- Created a robust REST API server utilizing ExpressJS, managing CRUD operations and seamlessly serving the React client through deployment on Heroku.
- Designed and implemented Mongoose schema for efficient querying of MongoDB database through API endpoints in a web application.
- Contributed and developed frontend elements, including application forms and job listing cards, utilizing functional React components and hooks for a seamless user experience.

**Covid Dashboard | React, Django Rest Framework, Material UI, Agile/Scrum** Oct 2021 – Dec 2021

- Refactored React frontend by rewriting request methods decreasing client-side rendering times by 100% resulting in an improved user experience.
- Developed a full-stack application with a dashboard capable of performing CRUD operations on a COVID-19 data set to analyze statistics to display alongside various bar and pie charts using React chart libraries.
- Implemented a Django Rest Framework server to convert CSV data into a pseudo database, then served the data to the client through a REST API.

**InfestationZ | C++, SFML, CMake** Feb 2020 – June 2020

- Led a team of 3 developers to create an SFML-based 2D top-down zombie survival game built with C++ utilizing STL components such as smart pointers.
- Designed and implemented an optimized A\* search algorithm to facilitate seamless entity navigation across a 2D matrix map, resulting in improved movement and enhanced user experience.
- Incorporated Object-Oriented Programming principles to increase flexibility between classes and code reusability through inheritance.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, C/C++, C#, HTML/CSS, SQL

**Frameworks & Libraries:** React, Nextjs, Node.js, Tailwind, GraphQL, Express.js, Django, SFML, tRPC

**Tools & Methodologies:** Git, Docker, AWS, MongoDB, PostgreSQL, CMake, Agile/Scrum, Unity