

TYLER KIM

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SOFTWARE ENGINEER - VIDEO EDITOR

Innovative software engineer with a background in creative video production, combining storytelling with technical expertise to deliver impactful solutions. Experienced in project management and problem-solving, thriving in dynamic environments and eager to leverage diverse skills to drive innovation in forward-thinking teams.

LANGUAGES: Python, Javascript, HTML, CSS

FRAMEWORKS: Express.js, React, Flask

TOOLS: Git, Redux, SQLite3, Sequelize, Node, SQLAlchemy

PROJECT EXPERIENCE

Meetup • Javascript • React • Sequelize • Express • Render

[Code](#) • [Live](#)

- Designed and implemented a robust RESTful API with Express.js, utilizing middleware for authentication and validation, optimized routing for efficient data retrieval, and integrated with a backend database for seamless data storage.
- Utilized Sequelize ORM to streamline database interactions, including model definition, migrations, and querying, ensuring efficient and secure data manipulation across the application.

Ravenhood • Python • Javascript • SQLAlchemy • React • Redux • yFinance API • OAuth3

[Code](#) • [Live](#)

- Implemented custom user authentication and secured database queries using SQLAlchemy API routes and Werkzeug hashing libraries, preventing unauthorized CRUD operations and safeguarding data integrity
- Developed a stocks database table by integrating with the yFinance API to populate real-time data, enabling users to perform CRUD operations on stock information.
- Managed front-end state synchronization with the backend database using React Router and Redux, implementing loaders and actions for seamless data handling.
- Configured and managed version control using GitHub, utilizing branching strategies and pull requests for efficient collaboration on code development.

PokeStore • Python • Javascript • SQLAlchemy • React • Redux • PokeAPI

[Code](#) • [Live](#)

- Deployed the PokeAPI library to fetch and display detailed in-game item data, including price, description, and image. Enabled user functionality for purchasing, reviewing, and adding items to a list.
- Engineered state management solutions using React's built-in capabilities and integrated Redux for advanced state handling, allowing components to manage and respond to dynamic user data effectively.
- Executed CRUD operations by implementing loaders and actions from the react-router library to retrieve and modify data, effectively managing feature-specific data interactions in the database.

WORK EXPERIENCE

AppleTV+ • **K-POP IDOL** • Assistant Video Editor • Los Angeles, CA

Sept 2022 – April 2023

- Managed project schedules and resources with the lead editing team, ensuring timely completion and alignment with production goals, resulting in on-time delivery of footage and 25% increase in work efficiency.
- Cultivated strong problem-solving skills by troubleshooting and resolving complex editing issues efficiently.

Kartoon Studios • Senior Video Editor & Assistant Director • Beverly Hills, CA

July 2021 – July 2023

- Led a 10-member post-production team to deliver 144 episodes for Genius Brand's game show, ensuring timely and high-quality completion.
- Oversaw and managed technical production aspects for Kartoon Studio's show, "Roblox Rumble", demonstrating strong problem-solving and project management skills.

EDUCATION

App Academy • Full Stack Web Development

University of California - San Diego • Bachelor of Arts in Visual Arts - Media • Cumulative GPA: 3.7

San Diego, CA