

# HUYDU TRAN

## Software Engineer

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

JavaScript, Python, Ruby, React, Redux, Express.JS, Sequelize, HTML, CSS, Flask, SQLAlchemy, Jinja, PIP, Node.js, Docker, PostgreSQL, AWS, Github

## EXPERIENCE

### Computer Science Expert - AI Trainer

Scale AI

Sep 2023 - Present

- Demonstrated expertise in evaluating and ranking code responses generated by AI models, showcasing a keen ability to assess and select the most effective solutions.
- Crafted instructive code snippets with meticulous rationale, enabling AI models to generate contextually accurate responses to diverse prompts, emphasizing problem-solving skills.
- Improved AI-generated code by debugging and optimizing it for enhanced functionality and performance, highlighting a dedication to refining and fine-tuning generative AI models.

### Process Engineer

Integra Technologies

Oct 2013 - Nov 2018

- Conducted quality control audits to maintain data accuracy and completeness, addressing discrepancies proactively.
- Collaborated with the Engineering Team to support experiments, troubleshoot issues, and contribute to project development iteratively.
- Demonstrated strong multitasking skills, adapting to evolving project requirements and contributing to successful outcomes and role expansion.

## PROJECTS

LUXE-EVENTS (JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, BCrypt, PostgreSQL)

[live](#) | [github](#)

*An elegantly designed and feature-rich application that empowers users to effortlessly discover and reserve event venues for hosting a wide range of gatherings.*

- Crafted a robust Express.js backend, ensuring secure CRUD operations and validation with express-validator.js.
- Enhanced server efficiency by optimizing queries with aggregate functions and eager loading, eliminating N+1 queries.
- Seamlessly integrated Google Maps API for engaging custom search and InfoWindow features based on user and geolocation data.

SOUNDCLOUD-CLONE (JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, PostgreSQL, AWS)

[live](#) | [github](#)

*An intuitive app used for listening to music, based on Soundcloud.*

- Crafted a seamless frontend UI and optimized backend performance by establishing precise table associations, eliminating N+1 queries, and achieving lightning-fast response times.
- Ensured scalability and reduced server load by seamlessly integrating AWS S3 for cloud-based image storage, enhancing overall system efficiency.
- Successfully integrated obscure libraries, showcasing adaptability and expertise by creating an impeccable, cross-component audio player. Leveraged React's useState hook for dynamic song management in the absence of comprehensive documentation.

## EDUCATION

**Full Stack Web Development** - App Academy | 2021 - 2023

**Automotive Technician** - Wyotech | Certificate of Completion | 2008-2009