

CONTACT

Portfolio: <http://www.huy-tran.me/>

Github: <https://github.com/HTran106>

✉ [Hdt.cn106@gmail.com](mailto:Hdt.cn106@gmail.com)

☎ (408) 480-9223

in <http://www.linkedin.com/in/huydu-tran>

CORE COMPETENCIES

- Programming Languages
- Algorithm and Data Structures
- Software Development Lifecycle
- Database Knowledge
- Web Development Basics
- Testing and Quality Assurance
- Continuous Learning
- Attention to Detail

EDUCATION

Full Stack Web Development | APP ACADEMY  
2021 – 2023

Automotive Technician - Wyotech  
CERTIFICATE OF COMPLETION | 2008-2009

CAREER HIGHLIGHTS

**Technical Background:** JavaScript, Python, Ruby, React, Redux, Express.JS, Sequelize, HTML, CSS, Flask, SQLAlchemy, Jinja, PIP, Node.js, Docker, PostgreSQL, AWS, and GitHub.

**End-to-End Website Development:** Proven track record in successfully delivering website features and solutions throughout the development lifecycle.

**Technical Proficiency:** Familiarity with object-oriented design, design patterns, data structures, relational databases, and SQL.

**Full-Stack Development:** Proficient in end-to-end development, encompassing both front-end and back-end technologies.

**JavaScript Expertise:** Adept at creating dynamic and interactive user interfaces to enhance overall user experience.

HUYDU TRAN

Results-oriented **Software Engineer** with a **strong background in delivering end-to-end website features and solutions across the application stack in an iterative manner.** Furthermore, **proficient in object-oriented design, design patterns, data structures, relational databases, and SQL** with a **solid background experience in building and deploying mobile apps within modern app development frameworks.** Additionally, **possess exposure to online marketing, search engine optimization, and lead generation, demonstrating background skills in participating in brainstorming sessions, design discussions, code reviews, and automated test development.**

PROFESSIONAL EXPERIENCE

- AI Trainer - SCALE AISeptember 2023 - Present
- Expertly craft instructive code snippets with meticulous rationale, facilitating AI models in generating contextually accurate responses across diverse prompts.
  - Professionally enhance AI-generated code quality through rigorous debugging and optimization efforts, emphasizing a commitment to refining and fine-tuning generative AI models for improved performance.
  - Evaluate and rank AI-generated code responses, demonstrating proficiency in selecting optimal solutions and contributing to the enhancement of model capabilities.

- Process Engineer - INTEGRA TECHNOLOGIESOctober 2013 - November 2018
- Actively collaborated seamlessly with the Engineering Team, supporting experiments, troubleshooting issues, and iteratively contributing to project development for successful outcomes.
  - Effectively conducted comprehensive quality control audits to ensure data accuracy and completeness, proactively identifying and addressing discrepancies to maintain high standards.
  - Multi-tasked and demonstrated exceptional multitasking skills, adeptly adapting to evolving project requirements. Contributed significantly to project success, leading to role expansion and increased responsibilities.

PROJECTS ACCOMPLISHED

- LUXE-EVENTS - [Live Demo](#) | [GitHub Repository](#)
- Developed an elegantly designed and feature-rich application using JavaScript, ReactJS, Redux, Express.JS, Sequelize.js, BCrypt, and PostgreSQL.
  - 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, providing engaging custom search and InfoWindow features based on user and geolocation data.
- SOUNDCLOUD-CLONE - [Live Demo](#) | [GitHub Repository](#)
- Created an intuitive music listening app based on Soundcloud, utilizing JavaScript, ReactJs, Redux, Express.JS, Sequelize.js, PostgreSQL, and AWS.
  - Developed 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.