

ANDRE HRISTU

(203) 993-1847

andrehristu@gmail.com

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

Fairfield County, CT

TECHNICAL SKILLS

Concepts:

Object Oriented Programming (OOP), Unit Testing, End-to-End Testing

Languages:

JavaScript/TypeScript, Python, HTML, CSS

Frontend:

React, Redux

Backend:

Express, Flask, SQL, SQLAlchemy, Sequelize, SQLite, PostgreSQL

Testing:

Pytest, Playwright

Workflows and Version Control:

Agile Development, Git, GitHub

EDUCATION

Full-stack Web Development - App Academy | December 2022 - June 2023

Accelerated software engineering program with a 5% acceptance rate. Full-time commitment (50+ hours/week) for 6 months with focused instruction on web development theories, technologies and practices.

Bachelor of Arts, Economics - University of Connecticut | August 2015 - May 2020

Experience

Treetracker - Greenstand

Open-source platform utilizing blockchain technology to track and evaluate carbon sequestration efforts

- Resolving GitHub issues across 80+ microservice repositories by tracing dataflows throughout the application and debugging React components
- Communicate with senior and junior developers to gain deeper understanding of data flows, app functionalities, and current bugs
- Participate in weekly leadership meetings to discuss, inquire, and learn about broader development goals

Apache Superset - Superset Community Partners

Open-source data-visualization software for creating charts, tables, and graphs to represent large data sets.

- Assist dedicated team of volunteers to improve UI/UX functionality for screen readers and keyboard navigation
- Refactoring React components to produce semantic HTML that is compliant with modern Web Accessibility guidelines
- Submit pull requests according to organization guidelines in order to effectively communicate changes and streamline the code-review process

HighrMe (Python, Flask, SQLAlchemy, JavaScript, React, Redux, Pytest)

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

A social photo-sharing platform using cloud-based storage technology where users are able to discuss and share photography.

- Implemented AWS S3 bucket storage to provide an intuitive and responsive interface for uploading and retrieving image files
- Designed and refined a Flask API backend to provide the frontend with necessary data through minimal database querying
- Created complex user interfaces using React and Redux, effectively managing state and data flow to create a seamless and interactive user experience (UX).
- Practiced agile development methodologies and utilized flexible, scalable components that facilitate easy maintenance, reusability, and future development.
- Implemented responsive and dynamic layouts using CSS and media queries, ensuring optimal UX across various devices and

screen sizes.

- Verified API endpoint behavior by using Pytest to create unit testing suites

Experience (continued)

AudioDome (Python, Flask, SQLAlchemy, JavaScript, React, Redux)

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

A music-streaming application where users can upload, organize, and share music.

- Collaborated with a small team, utilizing Git for version control and communication channels like Slack, Zoom, and Discord to ensure seamless coordination and quick project turnaround
- Conducted daily code reviews with team members in order to understand the evolving composite code base
- Leveraged collective expertise and problem-solving skills in pair programming sessions in order to identify and resolve complex issues, ensuring prompt resolutions and optimal project outcomes.
- Led initiative to implement cloud-based file uploads, providing guidance and instruction to team members in order to improve project workflow and prime team for future code maintenance.

Group Together (JavaScript, Express, Sequelize, Redux, React, GoogleMaps API)

[github](#)

An event-organization clone of MeetUp (DEPRECATED)

- Designed a robust backend database according to provided API specifications
- Refined database structure in order to accommodate and reconcile front-end data requirements
- Refactored code base to integrate Google Maps API and AWS S3 file storage
- Formatted backend API queries to structure data in normalized objects in order to optimize frontend performance.

WORK EXPERIENCE

Document Management Specialist, *Planet Home Lending*

Oct 2020 - Nov 2021

- Adhered to strict financial privacy guidelines in order to store, manage and retrieve pertinent mortgage documentation for clients, financial institutions, and legal entities
- Performed routine data sanitization and entry to facilitate mortgage loan processing
- Engage with stakeholders via phone and digital communication channels to address concerns, inquiries, and miscellaneous requests