

ANDRE HRISTU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

Fairfield County, CT

TECHNICAL SKILLS

JavaScript/TypeScript, Python, React, Redux, Express, Flask, SQL, SQLAlchemy, Sequelize, SQLite, PostgreSQL, Pytest, Playwright, HTML, CSS, Git, Unit Testing, End-to-End Testing, Object Oriented Programming (OOP), Agile Development

OPEN SOURCE CONTRIBUTIONS

Treetracker - Greenstand

Blockchain-based technology for tracking and evaluating carbon sequestration efforts

- Navigate and gain familiarity with 80+ microservice repositories that constitute Greenstand's Treetracker application in order to resolve Github Issues and debug React components
- Communicate with senior and junior developers to gain deeper understanding of data flows, app functionalities, and current bugs
- Attend weekly virtual standup meetings to discuss, inquire, and learn about broader development goals

Apache Superset - Superset Community Partners

Data-visualization software

- 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

PERSONAL PROJECTS

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

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

A social photo-sharing platform

- 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

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

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

A music-streaming clone of Spotify

- Collaborated with a small team, utilizing Git for version control and communication channels like Slack, Zoom, and Discord to ensure seamless coordination and successful delivery of the product within a 1-week deadline.
- 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.

PROJECTS (continued)

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

Head Baker, Bruegger's Bagels

Aug 2021 - July 2022

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 inquiries

EDUCATION

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

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