Eric Geagan
FULL STACK SOFTWARE ENGINEER

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SKILLS
Languages: JavaScript, Python, SQL, HTML, CSS, Java, C#, TypeScript
Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, Alembic, PostgreSQL, AWS, Docker, Git, Node, MongoDB, Apollo GraphQL, Azure, Heroku, jQuery
Key Skills: Object-Oriented Programming (OOP), Test-Driven Development (TDD), Scrum Methodologies, Agile Development Cycle, Debugging

PROJECTS
HomeBnb | *(React/Redux, Python, SQLAlchemy, Flask, AWS, Google Maps API)*   **live** | **github**
A full-stack single page app AirBnb clone allowing users to browse and reserve home rentals.
- Utilized **Flask Forms** to validate data and determine overlapping dates across multiple entries, allowing users to view booking dates for properties.
- Employed **AWS S3 cloud services** to implement user image uploads for property images, reducing server load and allowing for the **scalability** of image hosting.
- Optimized frontend user interface (UI) using **React** and **CSS** to allow database entries to dynamically render property information for users.

Better Reads | *(React/Redux, Python, SQLAlchemy, Flask, AWS)*   **live** | **github**
A full-stack single page Goodreads clone allowing users to browse and create a personalized library of read books.
- Enabled users to choose personal book cover images using **AWS S3** for easy image uploads and full control over book appearance.
- Applied **Multiselect-React-Dropdown library** to allow for better user experience (UX) when adding multiple genres to a book upload.
- Collaborated with fellow full-stack engineers using agile methodologies and efficient git workflow and pull requests to complete a fully-designed website, achieving desired features within a two-week timeframe.

Sound Nebula | *(React/Redux, Express, Sequelize, AWS)*   **live** | **github**
A full-stack single page Soundcloud clone allowing users to browse and play music.
- Implemented the **React-Player package** to render a music player on the website for better user interactivity.
- Utilized **AWS S3 buckets** to implement image uploads for album art to allow faster image retrieval from Amazon's cloud services.

EXPERIENCE
Full Stack Developer
2D Metric   Feb 2020 - Feb 2021
- Founded and helped **design multiple key back-end system architecture features** for the frontend UI allowing the systems developers to create a fully-functional database and state management system.
- Delivered 5 key application features during an iterative development cycle while also troubleshooting hundreds of bugs, allowing for increased investor opportunities.
- Optimized application rendering by more than 80%, resulting in a smoother and faster animation.

Sales Associate
The UPS Store   Feb 2016 - Feb 2020
- Served more than 50 customers per day managing various tasks such as shipping, mailing, and packaging to meet customer needs and communicating the procedure to them in a timely manner.
- Sought opportunities to improve efficiency by adjusting the workflow and advocating for team members to leverage their strengths

EDUCATION
Bellevue College - *AA Information Systems, 2018-2021*
AppAcademy - Full-stack web development bootcamp prioritizing software engineering best practices 2022
- Covered topics such as data structures and algorithms, front-end styling conventions, database design, and API usage.