Ashton Howard
FULL STACK SOFTWARE ENGINEER

ashtonhowa@gmail.com **>** 843-714-8418 **>** [LinkedIn](#) **>** [Github](#) **>** [Portfolio](#) **>** Castle Rock, CO

Hello! I'm Ashton Howard, a Web Developer and Software Engineer fueled by curiosity and a passion for growth. I see every line of code as a chance to innovate and enhance my skills. Tackling complex problems is my favorite challenge—there's nothing quite like the thrill of unraveling a tough issue and crafting effective solutions. Always eager to learn, I explore new technologies to stay ahead in the fast-paced tech world. Let's code our way into the future together!

Experienced in a wide range of skills including:

LANGUAGES: JavaScript , Python , SQL, HTML5 , CSS, English
FRAMEWORKS: React, Redux, Flask, Express, Sequelize

DATABASES: SQLite3, SQLAlchemy, PostgreSQL, Cloudinary
TOOLS: Git, Figma, Docker, Postman, Visual Studio Code

OTHER: UI/UX principles, Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), RESTful APIs (Representational State Transfer APIs)**,** Communication, Team Collaboration, Problem Solving, Time Management

PROJECT EXPERIENCE

Popcorn-Palette >> ReactJS, Redux, SQLAlchemy , Flask, Docker, CSS　　　　　　　　　　　　　[**GitHub**](#) **>** [**Live**](#)
- Orchestrated a dynamic feature using React and Redux that enables users to effortlessly add any movie to their watchlist directly from the homepage. A plus icon elegantly appears when a movie is not in the watchlist, transforming into a checkmark upon addition, providing a seamless back-and-forth interaction that enhances the user experience.
- Fashioned a sophisticated filtering mechanism using React that dynamically adjusts the displayed movies based on the selected genre. This feature ensures that only the relevant genre appears, elegantly curating the user's browsing experience and allowing them to effortlessly explore their preferred film selections.
- Constructed a dropdown menu using Redux and React that appears when a user types in a movie title, displaying options from the database. When a movie is selected, the user is redirected to the movie's details page, allowing for seamless interaction with any film in the database.
- Sculpted a feature using Redux and React that retrieves a movie's cast from a third-party database when a user navigates to a specific film. This allows users to view the entire cast by interacting with arrow controls, enhancing the overall browsing experience.

KANA >> ReactJS, Redux, SQLAlchemy , Flask, Docker, CSS　　　　　　　　　　　　　　　[**GitHub**](#) **>** [**Live**](#)
- Created a customizable avatar feature using CSS, React, Flask, and Redux that allows users to randomly generate or select options for their avatars, which are visually displayed and updated in real-time, providing a personalized experience.
- Crafted a React component that enables users to click and open a menu for adding tasks, which subsequently triggers a modal for task creation. Users can close the modal by clicking anywhere outside of it, ensuring a smooth user experience.
- Implemented universal CSS variables and classes to streamline styling across the site, facilitating easier maintenance and updates.
- Developed an interactive rewards system using Flask, React, and Redux that enables users to purchase and manage items from a randomized rewards table, significantly enhancing user engagement and overall experience.

WORK EXPERIENCE

Norseman Defense Services >> *Intern >* Elkridge, MD　　　　　　　　　　　　　**August 2020 – August 2021**
- Deployed Mobile Device Management software across all work-related devices for new employees, ensuring comprehensive management and seamless accessibility of all devices when needed. This initiative streamlined operations and enhanced device security within the organization.
- Revitalized acquired devices by thoroughly wiping their hard drives, preparing them for reuse by new employees. This process ensured data security and optimized resources, facilitating a smooth onboarding experience.

EDUCATION

APP ACADEMY >> Full Stack Web Development   **Completed November 2024**