

Aaron Morgan

Full Stack Developer

PROJECTS

- Kanban Board

- **Description:** Developed a React application that functions as a kanban board, with the ability to create new projects and tasks, and assign tasks to different stages such as "todo", "in progress", and "done". Utilized GraphQL and Apollo for data storage mutations, and implemented user authentication and authorization with login and logout functionality. Organized the application into components for efficient rendering and maintenance.
- **Key Skills:** React, GraphQL, Apollo, User Authentication and Authorization, Kanban Board
- **Results:** Improved workflow and project management by providing a streamlined process for creating and tracking tasks and projects. Increased user engagement by allowing users to customize their workflow and track progress efficiently.

- DND Character Sheet Generator

- **Description:** Developed a web application that generates Dungeons and Dragons character sheets using the Model-View-Controller (MVC) paradigm. Implemented sequelize for data storage, Express Handlebars for rendering pages, and completed the controller with GET, POST, and DELETE routes. Implemented user authentication and authorization using withAuth middleware to ensure that only logged-in users can view and modify character sheets.
- **Key Skills:** Model-View-Controller (MVC) architecture, Sequelize, Express Handlebars, User Authentication and Authorization
- **Results:** Improved user experience by creating a streamlined process for generating, storing, and accessing character sheets. Increased user engagement by allowing users to create and delete character sheets, and enforcing user authentication for security purposes.

- Pokédex

- **Description:** Developed a dynamic web application using the Pokémon API and the YouTube API. The application renders attributes and images of different Pokémon species based on user searches. In addition, it also displays relevant YouTube videos related to the searched Pokémon.
- **Key Skills:** API integration, dynamic web development, JavaScript, HTML, CSS
- **Results:** Improved user experience by providing dynamic and interactive content. Increased user engagement by incorporating relevant video content.

Aaron Morgan

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EDUCATION

2023

University of Utah,
Salt Lake City, UT

Coding Bootcamp

Full Stack Developer

Certificate

SKILLS

HTML, CSS, JavaScript, Java, C++

Bootstrap, jQuery, Node.js,
Express.js, React

MySQL, Sequelize, MongoDB,
Mongoose, GraphQL

EXPERIENCE

July 2016 – Present | Borsight, Inc., Ogden, UT

Modification Technician

Working as a Modification Technician at Borsight, Inc., responsible for installing complex Communication and Navigation systems on various aircraft platforms. Interpreted schematics and aided in troubleshooting, while also providing guidance and training to new employees.

Demonstrating technical proficiency and attention to detail in completing installations according to specifications and quality standards.

August 2014 – June 2016 | AISU, Murray, UT

Math Tutor, Success Coach

Worked as a Math Tutor and Success Coach, providing academic support and advising middle school students. Tutored students in Algebra and Geometry, helping them improve their understanding of key concepts and develop study strategies.

Advised over 50 students on how to get caught up with their work and motivated them to stay on track. Collaborated with teachers and other staff to identify students' needs and provide tailored support, contributing to the success of the school's academic programs.

April 2009 – April 2014 | US Marine Corps, Camp Pendleton, CA

Avionics Technician

Worked as an Avionics Technician in the US Marine Corps, responsible for troubleshooting and repairing electrical issues on Light Attack Helicopters including Huey (UH-1N/UH-1Y) and Cobra (AH-1W).

Conducted scheduled maintenance and routine repairs while training, instructing, and supervising subordinates. Inspected the quality of maintenance, took accountability of tools/personnel, and signed off the electrical systems as "safe for flight" upon repair.

Worked diligently and efficiently to support missions and flight operation goals.