

# Royce Taylor

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## Technical Skills

JavaScript, TypeScript, C#, HTML, CSS, JQuery, React, Redux, NodeJS, ExpressJS, MySQL, MSSQL, MongoDB, Mongoose, Mongo Atlas, SQLite, PostgreSQL, Prisma, Sequelize, AWS (EC2), Axios, Unity Engine, Webpack, Git, Google Cloud, Bootstrap, Material UI, AntDesign

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## Projects

**NuFright**, Software Developer | [github.com/HauntWare/nuFright](https://github.com/HauntWare/nuFright)

*Multimedia horror social platform*

- Utilized Webpack to configure TypeScript, and Babel Resourced React, Axios, Express, Prisma, and PostgreSQL, to query 'theMovieDB' API and rendered lists of horror movies and shows to display as a list of cards containing the movie/show poster and information about the movie/shows dynamically
- Utilized React hooks, Axios, and Prisma to allow users to like/save movies and shows and have that status rendered dynamically for its respective movie or show card, as well as the user's profile
- Leveraged React Redux for general state management across the application
- Utilized ToneJS, RTCRecord, React, CSS, and TypeScript to create a playable virtual keyboard that users could play and create recordings in real time
- Applied PostgreSQL, Prisma, and React, created components that let users curate a playlist that will be saved to that specific user; the results of the playlist are queried from the YouTube API, with Axios, and rendered dynamically based on user input in a search field, in the style of cards in which I styled with the Bootstrap library
- Utilized Google Cloud services to deploy the project
- Implemented a reverse proxy, with the use of Nginx on the deployed instance to establish a verified domain

**GameNWatch**, Software Developer | [github.com/Sinntaxx/ShowNTell](https://github.com/Sinntaxx/ShowNTell)

*Video Game and film social media playground*

- Utilized Express and Mongoose to connect to Steam's API
- Sent Axios http requests to fetch video games from the Steam API and dynamically rendered them as a list of cards (styled with CSS and Bootstrap) to a React frontend based on user-submitted search
- Created a dynamic 'subscribe/unsubscribe' button, with the use of React, Axios, and Mongoose for video games

**NewHome**, Software Developer | [github.com/Sinntaxx/NewHome](https://github.com/Sinntaxx/NewHome)

*Pet Adoption service*

- Leveraged Express, and Axios, along with the PetFinder API, to render a list of pets on the landing page, as well as let users save a potential adoptee for future reference to their profile
  - Deployed to production with AWS EC2; built the Express server to feed the files of the project to the browser
  - Established a MongoDB database with Mongoose ORM, along with connecting Express
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## Professional Experience

**Mindcreek Inc. -**

*Application Developer*

- Developed and maintained web applications used by federal agencies, using a full technology stack, including React for the frontend, Node.js for the backend, and MSSQL for database management.
- Leveraged MSSQL for raw queries and database scripting to manage large sets of data efficiently, and securely.
- Utilized Ant Design to create a well designed, and easily interactive UI.

**Baton Rouge, LA**

**Apr 2023 - Present**

**Operation Spark - Bootcamp Program Student Support**

*Help Desk Teaching Assistant*

- Promote understanding of functional and object-oriented programming to students at all levels
- Reinforce a syntactical understanding of Javascript, jQuery, and various frameworks
- Guide students to strengthen autonomy, problem solving, and debugging techniques
- Support students in understanding and solving server and database connectivity and compiler errors

**New Orleans, LA**

**Nov 2022 - Present**

**City Pork Brasserie and Bar**

*Server*

- Engaged in exceptional, personalized customer service
  - Utilized multi-tasking, attention to detail, and interpersonal communication
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**Baton Rouge, LA**

**Aug 2018 - April 2023**

## Education & Certifications

**Operation Spark**

Advanced Software Engineering Immersive Program

IBC Fundamentals of Javascript, Functional Programming, and Web Development Level 3

**November 2022**