

Eric Moran

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Full-Stack Software Developer - Javascript | Typescript | React | Node | Express | SQL

Technical Skills

- Experience building a full stack application (front-end, back-end, authentication, authorization, and database) from scratch within 4 hours
- Proficiency with React.js, Redux Toolkit, Node.js, Express, Typescript, HTML, CSS, Bootstrap, ES6 JavaScript, Heroku, Postman, Git, Selenium
- Experience with developing CRUD app workflow on a MERN-like application stack using Agile development methodologies
- Experience with creating and testing custom application programming interfaces (APIs) using RESTful API development principles
- Experience creating relational databases and querying data with MySQL and PostgreSQL
- Deployed authorization and authentication routes using Passport.js and JSON Web Tokens (JWTs) for user validation and security
- Competent in technical and non-technical communication both verbal and written
- Strong skills in verbal presentation and explaining technical concepts to non-technical people
- Strong analytical problem solving skills and driven willingness to learn new technologies quickly

Projects

IdleScape: Runescape inspired Idle game ([Read](#) | [Play](#))

Full-Stack application where players train skills, combat enemies, and engage in quests.

- Authorization / Authentication process utilizes Passport.js to issue JSON Web Tokens
- The game state and player data is managed with Redux
- Player data is maintained in local storage and saved to a Mongo Database
- Cultivates user experience by making changelog accessible via in-game lobby
- Built with React, Redux Toolkit, Node.js, Express, HTML, CSS, Bootstrap, MongoDB, Heroku

Gundam Getter: Automated Release Dates ([View Demo](#))

Full-Stack app to automatically scrape model kit release dates from multiple websites.

- Utilizes Google Sheets API to authorize and authenticate read and write requests
- Utilizes Selenium Firefox browser with customized options to scrape web data efficiently
- Employs targeted scraping scripts based on SKU metadata
- Employs fall-back scraping scripts if data cannot be found on initial website
- Built with React, Node.js, Express, HTML, CSS, Google Sheets API, Selenium

Personal Blogs App ([Live Site](#))

Full-Stack CRUD app where authorized users may create, read, update, and delete blogs. Includes author donations with emailed receipts.

- Relational database with many-to-many structure
- Authentication routes employ user verification via JWT checks upon every page navigation
- Donations to blog authors via stripe integration, and confirmation emails via mailgun integration
- Built with React, Node.js, Express, HTML, CSS, Bootstrap, Passport.js, Stripe, Mailgun, Fly.io

Experience

Ejm-dev.com

Full-Stack Developer | Remote | 01/2022 - PRESENT

Developed Gundam Getter application for Gundam Planet to automate the update process of their model kit release date spreadsheet for customers. This reduced their workload from 8 hours of high focus data entry for a 3000+ entry spreadsheet to a few clicks.

Middle School Math Teacher | St. Lucie County School District | 08/2020 - 12/2021

High School Math Teacher | Martin County School District | 08/2019 - 5/2020

Both teaching roles:

- Developed an engaging, rigorous, and standards-aligned curriculum for math students.
- Developed communication strategies to keep students and parents up to date and informed.
- Created shared resources and workflows on Google Drive platform to keep the team connected.

Education

Catalyst Full-Stack Development Bootcamp | Remote | [Certificate](#) | 08/2022

Indian River State College | Ft. Pierce, FL | B.A Secondary Math Education | 05/2019