

CONNOR CLAXTON

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SKILLS

HTML

CSS

JavaScript

React

Redux Toolkit

NodeJS

ExpressJS

SQL

Agile

REST

Git

TypeScript

Sequelize

Docker

Swagger/OAS

Jest

Mocha

Angular

C#

Java

PROJECTS

[Krossplay](#)

- A web app to integrate your playlists across multiple platforms
- Created using React, Tailwind CSS, and NextJS
- Implemented JWT authentication using NextAuth
- State management handled by Redux and the RTK
- Currently integrates with the Spotify API with plans to incorporate both youtube and soundcloud

[React Tetris](#)

- Tetris re-created using React Hooks
- Utilized custom hooks to manage game logic, collision detection, and user inputs
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[SocialBee](#)

- Built React / Redux application along with a back end using Google's Firebase.
- Includes essential social media functionality with creating an account, posting, commenting, liking, and notifications.
- Integrated Material-UI components and theming to allow for a smooth transition on global styling.

EMPLOYMENT

ACTALENT

Software Engineer - 08/2022 - Present

- Developed full-stack rebuild of Stryker application using React, Node.js, TypeScript, and Sequelize ORM, focusing on complex data tables and advanced filtering interfaces.
- Engineered multi-tier authentication system for differentiated access across various app sections, along with super admin capabilities.
- Led NodeJS API development with middleware integration and standardized documentation using Open API 3.0 specification.
- Played a key role in the frontend redevelopment of the Thermo Fisher app in React and TypeScript, particularly in developing a Gantt chart with Chart.js, and optimizing data integration from SQL queries to API endpoints.
- Contributed to the Mitsubishi Kumo project's transition from AngularJS to Angular 15+, addressing key Android app bugs in an emulated environment and adapting to new Angular features.

MORPHIC

Software Engineer - 04/2022 - 07/2022

- Collaboratively developed an innovative automated website creation tool and intuitive site editor, utilizing a comprehensive component library with unique customization options in React, NextJS, Strapi, and GatsbyJS.
- Actively participated in feature development discussions, contributing to planning and implementation strategies, particularly focusing on enhancing user engagement, efficiency, and ease of use.
- Led the refactoring and optimization of components, transitioning towards a modular, functional programming paradigm to facilitate future feature expansions and enhance application flexibility.
- Contributed to the implementation of new, impactful features that significantly increased user engagement and streamlined the user experience, demonstrating a strong understanding of user-centric design principles.

INTREPID CONTROL SYSTEMS

Software Engineer - 06/2020 - 02/2022

- Developed the strategic rebuild of a complex AngularJS application using React, Redux, and TypeScript, carefully evaluating and enhancing legacy functionalities while ensuring a balance between innovation and user familiarity.
- Spearheaded the in-depth learning of proprietary systems and processes, including live streaming of data over CAN networks and script execution for vehicle-attached devices, to inform effective redevelopment strategies.
- Collaborated closely with engineers across disciplines to assimilate undocumented proprietary knowledge, translating intricate technical details into cohesive development plans.
- Played a pivotal role in the transition of the Java API to a Node.js framework, simultaneously creating comprehensive OAS documentation to address previous gaps and enhance future maintainability.
- Navigated the challenges of configuring and managing multi-service Docker containers, contributing to the development of a robust job queue service and improving cross-service integration.

EDUCATION

BLOOM INSTITUTE OF TECHNOLOGY · 05/2019 - 02/2020

Full Stack Web Development & Computer Science

- Programming: OOP design & development. Algorithm formulation & implementation. Use of underlying environment.
- Data Structures & Algorithms: Algorithm analysis; recursion; sorting & searching; lists, stacks, queues, trees, hashing, graphs; OOP data abstraction.
- Design & Testing: Principles, patterns, representation, testing, refactoring, & QA.
- Front-End/Back-End Web Development: JavaScript, HTML, CSS, React, Node, Python, Django, SQL, Testing