Malcolm Abbott

Full Stack Software Engineer

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Technical Skills and Tools

Front End: TypeScript, JavaScript(ES5/ES6), React.js, HTML5, CSS3, AJAX, JSON, Webpack, Flexbox, DOM Manipulation

Back End: Node.js, Express.js, AWS, PostgreSQL, Algorithms, Data Structures, REST APIs, Babel, Restful API

Tools and Libraries: Git, GitHub, VS Code, Sublime Text, PyCharm, Figma, Slack, Anaconda, WebStorm

Trilingual Skills: English, Spanish, Brazilian Portuguese

Applications Developed

Runners High | GitHub

A PERN stack web application for runners who want to track their runs
- Engineered a web page which enables seamless navigation between multiple endpoints using React.js
- Structured a relational database system using PostgreSQL to collect and store user information
- Facilitated the storage and retrieval of user data through HTTP requests utilizing express.js and node.js
- Crafted an aesthetically pleasing responsive layout through the implementation of Tailwind CSS

Game Repository | GitHub

Application designed for users to filter through and learn about games
- Enhanced webpage aesthetics by implementing CSS3 to elevate the user experience with visually captivating graphical interfaces
- Implemented TypeScript for seamless interaction between users and the interface, unlocking dynamic functionalities and enhancing user engagement
- Implemented TypeScript fetch requests to seamlessly integrate API data, facilitating the construction of dynamic page layouts for enhanced user interaction and experience
- Fashioned the application's wireframes with precision using Figma, offering a vivid visual blueprint of the webpage's layout and design

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Work Experience

EMT, Falck | May 2019 - May 2023
- Executed order of operations procedures to perform life saving measures
- Coordinated with FireFighter Paramedics to provide high quality Basic as well as Advanced Life Support

English Professor, Canadian College | Jan 2016 - Jan 2018
- Cultivated diverse group activities dynamically engaging students in relevant course material
- Adapted lesson plans and curriculum to student interests, increasing GPAs and student engagement

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Education

LearningFuze

Accelerated Web Development Program
- Programmed 10-12 hours a day for 14 weeks (800+ hours) in a simulated Agile work environment
- Collaborated with other developers in 3 separate hackathons to create applications and gain experience in pair programming