Ross McWey

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Full Stack Software Engineer

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2 years' experience in web development and software engineering with a background in management, public speaking, entrepreneurship, retail, and small business operations. Known among teammates as kind, intelligent, dedicated, loyal and hard working.

Technical Skills

Languages:	JavaScript, HTML, CSS3, TypeScript, C#
Frameworks & Libraries:	React.js, Node.js, Express.js, MUI, Bootstrap, NextUI, JQuery, Moment.js, Handlebars.js, Socket.io, Anime.js, RabbitMQ, JWT, CurryAPI, REST APIs
Databases:	SQL, MySQL, Sequelize, MongoDb, GraphQL

Work Experience

Full-Stack Web Developer/ Engineer – Clayton County Government
January 2023 – October 2023
- Responsible for implementing and even designing new features while working with BA, QA teams and other developers on an enterprise level application while maintaining proper version control and test cases for each task.
- Successfully acclimated to a fast-paced environment with strict deadlines for clients whose demands constantly shift due to the nature of working for elected officials.
- Learned and implemented effective debugging strategies to find and fix very difficult bugs in the application.
- Architecture of the project: We mainly utilized React and JavaScript along with socket.io for our front-end interfaces. We used a proxy service to clean up our routes to and from the back-end. We used Typescript and C# services for our back-end logic, RMQ to send messages between services, SQL as our database and SSRS for building reports.
- Other technologies utilized in the app's production: Jenkins, Axios, docker.io, react-cache-buster, JWT, swagger.io, and es-lint.

Part-Time TA (Teaching Assistant) – GA Tech/ EdX Bootcamps
October 2022 – January 2023
- Provided teaching, support, and encouragement for students, guiding them through challenges in their code while they learn over 26 different technologies to become full-stack developers and assisting other staff members with the operations of the digital classroom.

Freelance – Web Developer
June 2022 – October 2022
- Assisted in the development of website for small start-up production company here in Atlanta in collaboration with fellow graduates.
- Continued my training in learning the basics TypeScript, C#, and .NET with a Senior Developer's guidance and instruction.

Web Development Bootcamp – Georgia Tech
December 2021 – June 2022
- Attended a demanding, challenging and exhilarating 6 months of non-stop learning.
- Developed strong fundamentals in 26 different technologies including: JS, Node.js, React, SQL, MongoDB and more.
- Worked with other budding developers in groups to accomplish MVPs of our own product ideas on strict deadlines.

Sales Representative & Section Manager – GA Furniture Mart
March 2021 – November 2021
- Responsible for taking care of customer needs, guiding them through the sales process, closing the sale, providing follow-ups, gaining good reviews for the company, and managing my fellow sales team to keep up with their sections in the store.
- Sold over $800,000 in 7 months. Utilized CXM to follow-up and keep track of sales and leads.

President & Co-Owner – Mattress Made Easy
Aril 2017 – March 2020
- Responsible for all general management and business operations; marketing, sales, merchandising, finance, logistics, hiring & training.
- Achieved an outstanding reputation with 5-star customer service rating while maintaining an 80% close rate at 55% average margin.
- Assisted in the development of the business website using WordPress and gained valuable experience with QuickBooks.

Education & Certifications

Georgia Institute of Technology | Atlanta, GA – Graduated top of the class – *Full Stack Web Development Certificate 2022.*
Appalachian State University | Boone, NC – Attended College for Computer Science 2007-2009
Mount Pisgah Christian School | Alpharetta, GA – *High School Diploma 2007*

Personal Projects

Re-Engage – Repo | Deployed
- MERN stack app using JWT for authentication.
- The application allows users to upload a desired text, or use other text from other users, then creates a flashcard style game that finds relevant parts of speech and removes random useful words. This requires the user to select the right word to move forward helping the user engage with their selected text for better memorization and comprehension. The application saves the user's progress and is displayed in their account page. This application also features a built-in, fully functional Bible app using bible-go API and uses our server as a proxy to bypass CORS policy.

Profile REACTion – Repo | Deployed
- My portfolio/profile was built using React, Node.js, JavaScript, collapsible package, react-router, CSS and photoshop.
- The application is four seasons themed and intentionally built without bootstrap or other CSS frameworks to challenge myself. It is fully responsive, working even on unique screens. All pictures were edited on Photopea. The application also has a fully functional contact section using Email.js.

The Shelf – Repo | Deployed
- A CMS-style full stack application following the MVC paradigm in structure that features client logins, accounts, and login verification for user data protection. Utilizes JavaScript, Node.js, Express.js, jQuery, Bootstrap, Handlebars.js, Sequelize as the ORM, Anime.js, and is deployed on Heroku.
- The application is designed to bring communities together by allowing neighbors to upload movies they would like to share and for other neighbors to be able to borrow and share their movies with one another while keeping track of the items borrowed and lent, the borrower's information and lender's information.