

Andrew Johnson

Full Stack Developer Applicant | Savannah, TX

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Career Objective

Passionate Full Stack developer with a strong foundation in web development technologies. Seeking an position to apply & expand my skills while contributing to dynamic websites..

Education

Middle Georgia State University | B.S.- Information Technology -concertation in Software Engineering (2023) | **Macon, GA.**

Relevant courses: Web Development, Software Engineering, Project Management, Software Security, Software Testing & QA.

Projects

RealTime Full Stack Chat App-(Dec 2024- Dec 2024). Socket.io, Nodejs, WebSockets, Environment variables. State management, ReactJs

Developed a real time chat application using React for the frontend & Nodejs with Socket.io library on the backend, enabling instant bi-directional communication between client and server.

- Utilized **Socket.IO event listeners** for real-time messaging, user alerts, and chat reset functionalities.
- Configured **CORS policies** and environment variables to ensure secure and flexible deployment.
- Enhanced user experience with features such as chat timestamps, input validation, and dynamic chat rendering in the frontend
- Implemented **WebSocket connections** for seamless message exchange and state management for chat history using React's `useState` and `useEffect` hooks.
- Designed backend server logic to manage user connections, handle chat events, and implement chat flow with a predefined conversation array.

Popular Stock Market Web App-(Aug 2024- Aug 2024). TypeScript, JSON, ReactJS, Git, GitHub, CSS, CSS3, HTML5

Developed a website that consolidates essential information on popular stocks, Retrieve company information from JSON file for user display. Informed users on key features to considered on investment on each company. Animation integrated for user experience. This site helps users make quick and informed investment decisions by offering key insights in an easily digestible format.

- TypeScript Interface- developed to retrieve data from JSON file.
- Managed Data in TypeScript Function Component throughout other components.
- UX-UI Laptop screens design

- Data retrieval using third-party APIs. Utilized animation to stylize site and enhance user experience
- State Management within function component, response & error handling.
- Scroll & slideshow animation to enhance user experience.

Abroad Travel Web App (Jul 2024) –ReactJs, JavaScript, Regex, Git, GitHub, CSS, CSS3, HTML5

Developed a website to enhance user travel experience by providing regional insights on topics like culture, arts, and cuisine, addressing the challenge of fragmented travel information by offering timely and consolidated details in a single user-friendly website.

- Developed User Landing Page to give overview of site.
- Implemented Form User Validation on Sign-Up & Login domain
- Event Handling & Error Handling- error message display
- Reusable components to improve UX/UI experience
- Local Storage Management & Cookie Management (expire 30-day date)
- Loading State & Load Indicator implemented for form submission
- UX- Dark Toggle implemented on landing page & travel animation

Recipe Search Web App (Jun 2024) -JavaScript, Regex, Git, GitHub, CSS, CSS3, HTML5

Developed a website allowing users to explore recipes from various cultural origins, featuring meal history and nutritional information. This platform addresses the challenge of finding diverse and informative recipe resources, making it easier for users to discover and prepare culturally rich meals.

- Asynchronous Fetch API
- User Form Validation on Landing Page – redirection on successful validation to Login, & Welcome domain
- UX - Informative Table Modal on weekly meal plan- includes servings, minutes to cook, calories: per serving, carbohydrates, fat, & protein, etc.
- Local Storage Management for user cookies preferences- ensuring sensitive data is not stored insecurely.
- Session State Management. - Memory cookies are option to be deleted by User if desired before exit of web app.
- Chat Pop widget to enable user interaction with addition of a search filter

Skills:

- TypeScript, JavaScript, Mongo DB Atlas , SaaS , HTML5,, CSS3, Express, ReactJS, React Native , Nodejs, WebSocket , Regex, JSON, Git, GitHub. Vs Code, **User** Interface (UI) Design & User Experience (UX), Web Design. Figma