

# Justin Ruan

Mobile: (646)-278-5681 | Email: [justinruan177@gmail.com](mailto:justinruan177@gmail.com) |  
<https://justinruan177.github.io/>

## Summary

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- Experienced software developer with 5 years of expertise in crafting modern web applications using HTML/HTML5, CSS/CSS3, JavaScript/TypeScript, C#, React, Redux, ASP.NET Core, Node.js, Express, MongoDB, etc.
- Skilled in creating functional and class-based components, managing form inputs with validation, handling events, using React Router for client-side routing.
- Proficient in building high-performance APIs and web services using ASP.NET Core, with expertise in MVC architecture, dependency injection, and middleware for handling requests and responses.
- Skilled in integrating third-party APIs and managing data flow between frontend and backend using GraphQL and REST.
- Experienced in implementing reducers, actions, selectors, using Redux hooks, integrating Redux middleware for asynchronous actions, optimizing performance with memoization.
- Skilled in developing large-scale, cross-browser compatible SPAs with MERN stack technologies, adept at integrating MongoDB, Express.js, React, and Node.js to deliver robust web applications.
- Expert in utilizing React Query, GraphQL and Websocket for efficient data fetching, caching, synchronization and real-time data updates.
- Proficient in using Cypress for automating end-to-end tests and using Postman to design, test, and validate RESTful APIs.
- Built and optimized scalable web applications using Next.js, leveraging its server-side rendering (SSR) capabilities to enhance performance and SEO.
- Thorough understanding of REST principles and best practices of building and using RESTful APIs.
- Profound understanding of CSS framework customization using Tailwind CSS and Material UI.
- Experience in configuring and managing CI/CD pipelines using AWS, GCP and Jenkins, ensuring automated testing, deployment, and seamless integration across cloud environments.
- Proficient in building automated CI/CD pipelines using CloudBees and integrating Git repositories with CloudBees, enabling automated and efficient development and deployment of the code.
- Proficiency in using testing tools like Jest, Mocha, and React Testing Library to write unit and integration tests.
- Collaborated in Agile development environments, contributing to sprint planning, code reviews, and pair programming sessions.
- Skilled in creating comprehensive user interface mockups with Figma, use collaborative features of Figma to iterate designs, gather feedback, and refine UI/UX concepts effectively.
- Skilled in implementing SEO best practices, including optimizing page load times, metadata, and content structure, to enhance search engine rankings and drive organic traffic.

## Skillset

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**Programming Languages:** JavaScript, TypeScript, C#, Java, Python

**Web Tech:** HTML/HTML5, CSS, React, Redux, ASP.NET Core, Node.js, GraphQL, Express, MongoDB, , MySQL, Axios, Tailwind CSS, Material UI, CSS3, Next.js, Cypress, Jest, Mocha, React Testing Library, Postman, CloudBees, AWS, GCP, Jenkins, Git

**Others:** JIRA, Waterfall, Agile/Scrum, TDD, BDD

## Work Experiences

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**Meetup** – NYC, NY, September 2023 – May 2024, **Title:** Full-stack React Developer

### Description

Meetup is an online platform that connects individuals through shared interests and activities, offering a diverse array of groups and events for users to discover locally and globally. Users can explore and join groups ranging from professional networking to hobbies like hiking and photography. Organizers can easily create and manage events, fostering community engagement through face-to-face meetings and discussions. With a user-friendly interface and international reach, Meetup facilitates meaningful connections and enriches social experiences both locally and when traveling.

### Responsibility

- Developed front-end functionality with a focus on delivering responsive, attractive, and maintainable products using HTML5, CSS3, TypeScript, React, Redux, React Router, etc.
- Implemented and improved the all functionalities regarding the attendees of an event, such as displaying attendee information, creating the attendee information page, and the group chat functionality that allow real-time chatting in the group.
- Wrote reusable functional components with Hooks such as `useState` and `useEffect` for state and lifecycle management.
- Utilized Redux for global state management and employed Redux Thunk for handling asynchronous API requests.
- Used React Query, GraphQL and Websocket for efficient data fetching, caching, synchronization and real-time data updates.
- Developed and maintained backend service of scalable web applications using Node.js, Express, and Mongoose.
- Utilized Tailwind CSS and Material UI to design and implement responsive, visually appealing user interfaces for web applications.
- Built the automated CI/CD pipelines using Cloudbees and integrated Git repositories with it, streamlining the development and deployment process for efficient delivery of code.
- Wrote unit tests with high code coverage using React Testing Library and Jest.
- Wrote robust test suites with Cypress, focusing on integration and UI testing for React applications, used Postman Collection to automate API test execution.
- Debugged issues on the frontend using Chrome DevTools.
- Reviewed and provided feedback on team members' code to ensure readability, maintainability, and adherence to coding standards.
- Followed Agile methodology, collaborating with teams to design, develop, test, implement, and support technical solutions using front-end tools and technologies.
- Collaborated with the UI/UX team to create comprehensive user face mockups in Figma and convert these mockups into real components.
- Implemented SEO practices, including optimizing page load times, metadata, and content structure

**Bleacher Report** – NYC, NY, September 2021 – May 2023, **Title:** Front-end Developer

### Description

Bleacher Report is a top digital destination for sports fans, offering comprehensive coverage and real-time updates on scores, news, and events. It provides in-depth analysis through expert articles and opinion pieces, enhancing fan insights. The platform features multimedia content like videos, highlights, and podcasts, boosting engagement. It also fosters community interaction, allowing fans to comment, share, and connect, creating a vibrant sports community.

### **Responsibility**

- Collaborated closely with the design team to transform UI designs into highly reusable React components, using React hooks to ensure scalability across the entire application.
- Utilized a wide range of React features including components, forms, events, keys, routing, and state management to create dynamic and interactive user interfaces.
- Developed RESTful APIs and server-side logic using ASP.NET Core, with a focus on performance and security.
- Designed and implemented a CI/CD pipeline in GCP using Jenkins, Docker, and GCP App Engine to automate deployments and manage service updates for microservice applications.
- Experience with MySQL and Entity Framework, managing complex database interactions and ensuring data integrity.
- Contributed to building a Single Page Application (SPA) using HTML5, CSS, JavaScript (ES6), React.js
- Actively participated in Agile methodologies within the development team, contributing to sprint planning, daily scrums, sprint reviews, and retrospectives.

**Flow Asia** – Remote, September 2019 – May 2021, **Title:** Web Developer

### **Description**

Flow Asia is a Beijing-based creative digital agency specializing in digital localization for China, web design, development, and maintenance. They also offer services in search engine optimization (SEO), search engine marketing (SEM), mobile app development, WeChat services including mini programs, branding, and Chinese copywriting. Flow Asia supports global organizations seeking to establish and enhance their digital presence in the Chinese market, providing tailored solutions across various digital platforms and services.

### **Responsibility**

- Developed interactive web pages using modern technologies such as React, HTML5, CSS3, and JavaScript, ensuring compatibility across various browsers and devices for optimal user experience.
- Developed and maintained a user-facing SPA using React class components.
- Used the React Lifecycle methods to optimize component performance during the mounting and unmounting processes of the component.
- Collaborated closely with the UI/UX team to structure and implement web interfaces using CSS3 and JavaScript, adhering to design requirements and guidelines to achieve a seamless user interface.
- Created and executed comprehensive test cases using Jest and other testing frameworks.
- Addressed bug fixes and implemented change requests promptly, maintaining continuous improvement and adherence to project timelines and quality standards.
- Managed software code throughout the entire development lifecycle.

## **Education**

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Bachelor of Arts in Computer Science, New York University