

Brandon Duong

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Skills

Front-End JavaScript / ES6, React Applications, Redux, HTML, CSS / SCSS, CoreUI,

Back-End NodeJS / Node APIs, MongoDB, Express

Testing/Development: Git/Github, Postman

Technical Skills: RESTful API | CRUD | OOP | Responsive Web Design | Responsive Web Design (Mobile-First Development)

Software Engineering Applications

Front-end Developer - *Etch-A-Sketch*

Sep 2023

Developed as part of The Odin Project, utilizing HTML5, CSS, and vanilla JavaScript to recreate the classic Etch-a-Sketch toy in a web browser | <https://github.com/baoduong47/etch-a-sketch>

- Built a mouse-driven drawing functionality on a grid, simulating the classic toy's mechanism.
- Features the ability to dynamically change the grid size, allowing for more detailed or simpler drawings.
- Integrates a color picker to select custom colors for drawings.
- Provided options to clear the drawing and toggle grid lines for user preference.

Front-end Developer - *Slither Space*

April 2024

Developed a dynamic and interactive browser-based Snake game using HTML5, CSS, and vanilla JavaScript | <https://github.com/baoduong47/Slither-Space>

- Built real-time snake movement and collision detection for a responsive gaming experience.
- Implemented a food collection mechanic, where the snake grows in length with each item consumed, increasing gameplay difficulty.
- Developed game-over logic that triggers when the snake collides with itself or the game boundaries.

Front-end Developer - *TicketHub*

April 2024

Built an event discovery web application utilizing the Ticketmaster API |

<https://github.com/baoduong47/TicketMaster-Api>

- Developed a dynamic search bar to enable users to search for events by keywords.
- Implemented a feature for users to save favorite events, with quick access via a dedicated favorites page.
- Designed a desktop-optimized interface using React components and CSS grid and flexbox layouts.
- Ensured seamless integration with the Ticketmaster API for real-time event data retrieval.

Full-Stack Developer - *Astra Messaging App*

October 2024

Developed a full-stack messaging web app for real-time communication and user interaction |

<https://github.com/baoduong47/AstraChat>

- Built a real-time messaging system using Node.js, Express, and MongoDB, enabling users to exchange messages with online users seamlessly.
- Implemented a blog post feature enabling users to share content dynamically.
- Designed and implemented a profile management functionality, allowing users to edit personal details and upload profile pictures via React and Redux.
- Integrated MongoDB Atlas to store users, messages, and blog posts.

Education

Georgia State University, Atlanta
Nucamp Coding Bootcamp

Atlanta, Georgia
August 2024