

BRYAN TABOADA

FULL STACK WEB DEVELOPER

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Full Stack Web Developer with hands-on experience from a comprehensive bootcamp at the University of Denver. Skilled in both front-end and back-end technologies, with a passion for building scalable, user-centered web applications. With a foundation in mechanical engineering, I bring advanced problem-solving abilities and strong analytical skills to tackle complex technical challenges. My background in engineering and web development allows me to approach web development with a methodical mindset and keen attention to detail. Seeking to contribute to dynamic teams where I can apply my diverse skill set, collaborative attitude, and desire for continuous learning to create impactful digital solutions.

AREA OF EXPERTISE

Front-End Development

- HTML | CSS | JavaScript | React | Bootstrap | Bulma | Handlebars | Responsive Web Design | UI/UX Design | Accessibility Best Practices

Back-End Development

- Node.js | Express.js | RESTful APIs | GraphQL | Authentication & Authorization | API Integration | Session & Token-based Authentication | Middleware Management

Development Tools & Practices

- Git | GitHub | Agile/Scrum Methodologies | Jest Testing | OOP

Databases

- MongoDB | MySQL | NoSQL | SQL | Database Schema Design | Data Validation | Query Optimization

Soft Skills

- Problem-Solving | Collaboration | Time Management | Communication | Adaptability | Critical Thinking

PROFESSIONAL EXPERIENCE

Meal Match

- Designed and implemented a full-stack web application using the MERN stack (MongoDB, Express.js, React, Node.js) to facilitate seamless user interaction with recipes.
- Utilized GraphQL API for user authentication, profile management, and recipe data storage, optimizing communication between the front-end and back-end.
- Integrated the Edmam API to provide users with powerful filtering capabilities, allowing them to search recipes based on keywords.
- Developed a dynamic interface with React that lets users save and organize their favorite recipes, enhancing user engagement and retention.
- Employed Apollo Client for efficient state management, ensuring smooth updates and mutations between the front-end and GraphQL API.

Bloom To Be Yoga

- Freelance web development for a yoga business
- Collaborated with a client to create a fully-responsive website using React and Bootstrap, enhancing the online presence for their yoga business.
- Designed intuitive user interfaces with accessibility in mind, showcasing yoga services, testimonials, and images in a visually appealing and easy-to-navigate format.
- Optimized page load times and improved SEO, resulting in increased website traffic and user interaction.
- Ensured cross-browser compatibility, guaranteeing a consistent and smooth experience for users across all major browsers.

EDUCATION

University of Denver

Full Stack Web Developer Bootcamp | October 2024

- Completed an intensive, project-based curriculum covering modern web development practices and technologies, including full-stack JavaScript, database management, APIs, and agile workflows.

San Diego State University

B.S. in Mechanical Engineering | May 2019

- Gained solid engineering principles and analytical problem-solving skills, with an emphasis on technical design, systems thinking, and project management.