

Jackson L. Bryant

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PROJECTS

Arthrex-MySurgery Website – Eagle Hacks | React | React-Router-Dom | MongoDB | Node.js | Express

- Developed a responsive frontend for *Arthrex MySurgery* using React and React Router in a team of 4, enabling seamless navigation across 3 key pages and improving interactivity compared to a static design.
- Implemented a hardcoded login system to simulate authentication, eliminating backend dependencies and accelerating development in a fast-paced 36-hour hackathon.
- Constructed an intuitive dashboard displaying 3 key data sections (doctor details, surgery info, pre/post-op checklist), enhancing user clarity and engagement in a competitive environment.
- Presented to a panel of 8 judges, effectively communicating technical implementation, UI/UX decisions, and plans for future backend implementations while competing against 10 other teams in the hackathon.

Sunstone Pickleball Website | React | Tailwind | React-Router-Dom | Framer Motion

- Created a responsive 4-page website for *Sunstone Pickleball* using React, Tailwind, and Framer Motion, enhancing user engagement with smooth animations and modern UI components.
- Optimized user experience by implementing 5+ sign-up and contact links, increasing accessibility and ease of event registration.
- Produced an interactive community page with player profiles and a calendar page for event scheduling, enhancing scheduling efficiency and increasing member engagement.
- Refined requirements with client, exceeding deadline expectations through efficient templating and clear communication.

Portfolio Website | React | Tailwind | Framer Motion | Figma

- Developed a fully responsive single-page portfolio website using React, Tailwind, and Framer Motion, improving accessibility and engagement with smooth animations and intuitive navigation.
- Sketched the website layout in Figma, implemented it with Vite, and deployed it with Netlify optimizing performance and reducing build times.
- Integrated 5+ technologies (React, Tailwind, Framer Motion, Vite, Git) in the tech stack section and interactive LinkedIn/GitHub buttons, enhancing visibility and professional networking.
- Restructured the website by designing distinct section and a streamlined navigation bar.

EXPERIENCE

Florida Gulf Coast University

Student Tutor

Fort Myers, FL

April 2024 – Present

- Tutor over 16 hours weekly, assisting 3+ students in 10+ math courses, specializing in Calculus 1, 2, and 3.
- Delivered tailored tutoring sessions to 3+ students weekly across 10+ math courses, clarifying challenging concepts and solidifying comprehension, demonstrably elevating average student exam scores.
- Supported student learning at FGCU's Center for Academic Achievement, helping students improve retention and success in math-intensive courses.
- Reinforced core concepts and strengthened problem-solving abilities.

TECHNICAL EXPERTISE

Programming: HTML, CSS, JavaScript, React.js, Next.js, C, C++, Node.js, Express, MongoDB, Typescript, Jest

Design & Styling: Figma, Tailwind, SASS

Development & IDEs: VS Code, CLion, IntelliJ

EDUCATION

Florida Gulf Coast University

Bachelors of Science in Software Engineering

Fort Myers, FL

Expected Graduation: June 2027

- Relevant Courses: Data Structures & Algorithms, Calculus II & III, Linear Algebra, Computer Security