MATTHEW BERNARD

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PROFESSIONAL EXPERIENCE

Front-end Software Engineer, Beige Cashmere - Internship *September 2021 - November 2022*
- Implemented 12 interactive mobile application pages using React Native within an Agile team, enhancing user experience and engagement by 30% through optimized performance and intuitive navigation.
- Designed the MVP UX for the Beige Mobile App in Figma, securing $50k in investment that received positive feedback from 95% of stakeholders during testing.

Front-end Developer - Paid Contractor *November 2023 - January 2024*
- Developed a React-based web application for a digital lottery system, integrating Algorand blockchain
- Implemented interactive UI elements and dynamic canvas rendering for graphic visualization
- Integrated IPFS for decentralized file storage

Front-end Developer - Paid Contractor *August 2023 - October 2023*
- Developed a web platform dedicated to renting vehicles using vanilla HTML, CSS, and Javascript.
- Implemented an inventory system, providing tabular information and a contact form for inquiries.
- Focused on a user-friendly design and layout, enhancing the browsing experience for customers.

EDUCATION

University of California, San Diego
Computer Science, B.S. GPA: 3.6
Course work: Web Client Languages, Online Database Analytics Applications, Software Engineering, Design & Analysis of Algorithms, Advanced Data Structures, Object Oriented Programming

PROJECTS

Event Management Platform - Personal
Created event organization platform like Eventbrite utilizing Next.js, Tailwind CSS, and Stripe. Implemented advanced search, filtering, categories, and seamless checkout. Integrated Clerk for authentication, Mongoose for database management, and Shadcn and Uploadthing for UI and file uploads.

Social Media Web Application - Personal
Developed a dynamic social media web application using Vite for fast development and build tooling, React, and Chakra UI for a modern, visually appealing design. Integrated Firebase for backend services, including real-time database interactions, user authentication, and cloud storage for media content.

Book Tracker CRUD Application - Group
Developed a local-first CRUD web application for tracking progression of book reading in a team setting. Leveraged GitHub for version control and collaboration and implemented a CI/CD pipeline to ensure streamlined deployment and continuous quality checks.

SKILLS

Programming Languages and Techniques
HTML, CSS, JavaScript, Typescript, React.js, Next.js, TailwindCSS, Shadcn, MongoDB, Shadcn, Clerk, Firebase, Zustand, React Redux, React Native, Express, Node.js, Chakra UI, Vite, Agile, C++, Git/Github, Bootstrap, Java, Firebase, Web Responsiveness, Web Accessibility

CERTIFICATIONS

META Front End Development Course