MATTHEW BERNARD
Frontend Developer

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PROFESSIONAL EXPERIENCE

Front-end Developer - Paid Contractor   *November 2023 - Present*
- 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.

Software Engineer, Beige Cashmere - Internship   *September 2021 - November 2022*
- Implemented several mobile application pages using React Native in an Agile team environment.
- Produced MVP UX Design for the Beige Mobile App in Figma to attract investors for company.
- Developed car rental website using WordPress utilizing application forms, popups, and plugins.

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

Social Media Web Application
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
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.

Contact Management Application
A web application that allows users to manage their personal Contacts. Built using React, Redux, and
Node.js. HTTP Requests made with Axios Library.

SKILLS

Programming Languages and Techniques
HTML, CSS, JavaScript, C++, React.js, React Native, Express, Node.js, Chakra UI, Vite, Agile,
Git/Github, Bootstrap, Java, Firebase, Web Responsiveness, Web Accessibility

CERTIFICATIONS

META Front End Development Course
A 9-course certification designed by software engineering experts at Meta, focusing on front-end web
development using HTML5, CSS, JavaScript, Bootstrap, React, and Figma. Encompassed hands-on
projects, culminating in a Capstone project to design a front-end web application.