Alexander Brown

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Front-End Developer specializing in React and modern JavaScript, with hands-on experience building authenticated CRUD applications, managing global state, and deploying production-ready web apps. Strong UI/UX focus and passion for clean, maintainable code.

EDUCATION

Aurora University, Aurora, IL   Graduated December 2024
Bachelor of Computer Science
GPA 3.3

Waubonsee Community College, Sugar Grove, IL   Graduated December 2019
Associates of Applied Science/Computer Science
GPA 3.5

SKILLS

Frontend: React, JavaScript, HTML, CSS, SCSS

Backend: Node.js, Express, Supabase, Firebase

Databases: PostgreSQL, MongoDB, MySQL

Tools: Git, GitHub, Vercel, Postman, Figma, Excel

Concepts: Auth, Protected Routes, REST APIs, CI/CD, Responsive UI

Projects (GitHub: https://github.com/AxAnder0095)

Weather Forecast Web Application — React, Node.js, OpenWeather API, Vercel, Render
A full-stack weather forecasting web application that retrieves real-time weather data using U.S. zip codes.
Highlights:
- Built responsive React UI and Node.js backend deployed on Render.
- Integrated OpenWeather API with zip code validation and error handling.
- Deployed frontend using Vercel with secure cross-origin communication.

Website: https://weather-application-indol-tau.vercel.app
Repo: https://github.com/AxAnder0095/Weather-Application

Authenticated Todo CRUD Application — React, Supabase, Context API, Vercel
A secure, full-stack task management web application with authentication, protected routes, and real-time database integration.
Highlights:
- Built full CRUD functionality with Supabase PostgreSQL and persistent authentication.
- Implemented protected routes, global auth state (Context API), and client-side form validation.
- Deployed production-ready application using Vercel CI/CD.

Website: https://supabase-crud-auth-bice.vercel.app
Repo: https://github.com/AxAnder0095/SupabaseCRUDAuth

Expense Tracker: A full-stack finance tracker that allows users to log and visualize their expenses in real-time. **— React, Firebase, Recharts**
- Technologies: React.js, Recharts (for data visualization), Firebase (for authentication and real-time database storage) and Figma (for initial mockup design)
- Key Features: real time data visualization.
- Challenges: State management rework near the end of development because of an uncaught infinite loop caused by useEffect.
- Repo: https://github.com/AxAnder0095/expenseapp

Animations Website: A responsive website that highlights custom-built CSS animations for UI elements and effects. — React, SASS
- Technologies: HTML, CSS, SASS
- Key Features: Interactive demos of hover effects, transitions, keyframe animations, and animated components.
- Highlights: Focused on clean, reusable CSS code and modular design; great for experimenting with front-end motion design principles.
- Repo: https://github.com/AxAnder0095/animations

EMPLOYMENT

Mih Construction Inc   May-2025-Present
Project Assistant
- Confirm materials are ordered and delivered to right address
- Organize projects for homes to be repaired

Used Car Porter, Naperville, IL   August 2015-September 2021
Porter
- Collaborated with team members to streamline workflow, improving turnaround by 20%.
- Trained new staff, fostering an environment of efficiency and teamwork.
- Maintained a structured and organized service area, showcasing strong attention to detail.

Food Service Worker, Oswego, IL   August 2014-August 2015
Deli Clerk
- Helped customers with their food service needs in a timely manner
- Opened and closed the deli the deli department.

HONORS AND AWARDS
- Honor Roll student, Waubonsee Community College