

DAN PATTERSON

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Pleasant Grove, UT

SUMMARY

Full Stack Developer and **Customer Support Engineer II** with 2+ years of experience supporting production SaaS applications and building data-driven web applications using **React**, **Node.js**, and **MongoDB**. Experienced in troubleshooting complex technical issues, collaborating with engineering teams, and improving system reliability. Currently developing ExitWx, a full-stack MERN application, with hands-on experience in backend APIs, database integration, and deployment. Former Army EOD Team Leader with strong problem-solving skills, attention to detail, and experience operating in high-pressure environments.

SKILLS

- **Frontend:** React, JavaScript (ES6+), HTML, CSS, Tailwind
- **Backend / APIs:** Node.js, Express.js, REST APIs
- **Database:** MongoDB
- **Tools & Deployment:** Git, GitHub, Render, CI/CD
- **Other:** JSON, API Integration
- **Soft Skills:** Problem Solving, Communication, Adaptability

PROJECT - ExitWx (Full Stack Weather App)

Built a full-stack weather application using the **MERN stack** for skydivers and dropzone operators.

- Integrated real-time weather and forecast data using external APIs, including location-based search with autocomplete
- Designed a searchable database of dropzones and exits with instant weather data
- Implemented a **favorites system with persistent storage** for user-specific locations
- Developed a responsive, mobile-first UI using React and Tailwind CSS
- Deployed the application on Render, demonstrating full-stack integration and API handling

EXPERIENCE

Rebuy – Customer Support Engineer II (Current Role)

- Diagnosed and resolved technical issues in **production environments**, including frontend bugs, CSS styling issues, and JavaScript errors
- Developed **custom JavaScript solutions** to enhance functionality and resolve client-specific issues
- Collaborated with engineering teams to identify, reproduce, and resolve complex bugs across web applications
- Investigated API and data-related issues, improving system reliability and user experience
- Provided technical guidance and UI/UX recommendations to improve product usability and reduce recurring issues

US Army - Explosive Ordnance Disposal (EOD) Team Leader

- Led a 3-person team responsible for identifying and neutralizing hazardous threats in high-risk environments
- Collaborated with cross-functional teams, including military units and external agencies, to ensure operational safety and coordination
- Trained and prepared 40+ personnel in technical procedures and safety protocols
- Documented and analyzed operations, producing detailed reports to support decision-making and compliance

EDUCATION

V School - Full-Stack JavaScript Web Development Certificate

Intensive, project-based program focused on full-stack web development using React, JavaScript, Node.js, Express, and MongoDB. Built and deployed multiple applications in a fast-paced, production-style environment.

Utah Valley University - Personal Financial Planning (B.S.)

Studied financial planning, client advisory, and long-term financial strategy development, with a focus on helping individuals and families achieve financial goals.