






# Tracy Chesnut

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## SUMMARY

Web Application Developer with a proven ability to deliver robust, effective products in collaborative settings under strict and often tight time constraints. Programmed applications that assisted nuclear power plants in developing emergency preparedness procedures. Always seeking personal growth, I expanded my coding acumen through a 1,000+ hour coding Bootcamp focused on JavaScript and React. I am now eager to tackle more complex challenges and continue to find ways to build exceptional solutions for real-world problems.

## SKILLS

- **Languages:** HTML, CSS, JavaScript
- **Frameworks:** Node.js, Express.js
- **Libraries:** React
- **Databases:** MongoDB, SQL
- **Authorization:** JWT, Bcrypt
- **CICD:** GIT, Netlify, Render

## In a developer role at your company, I will...

- Code within company coding standards and styles.
- Write fully automated code tests in adherence to best practices.
- Learn how to leverage the current CI/CD pipeline in place.
- Build responsive frontend designs to spec per the UX design.
- Build out API routes per RESTful design structure.
- Diligently prioritize multiple projects to ensure timely results.
- Be coachable and accepting of constructive criticism.

## EDUCATION

### **V School FSJS Coding Bootcamp**

**Remote** 2022 - 2023

Learned industry best practices and practical software development and design standards with a focus on HTML5, CSS3, JavaScript, Node.JS, React, REST APIs, Express, Mongoose and MongoDB. Created and deployed mobile-first applications while learning new languages and frameworks by collaborating every week with a senior web developer and having regular code reviews with instructors and TA's.

**Snow College / Tableau** - Data Analytics Program / Tableau Desktop Specialist Certification

**Utah State University** - Master Remote Work Professional Certification

**Clark University** - Computer Career Institute, Client/Server Programming & Web Development Certification

Completed 352+ hours of intensive project-oriented training on Visual Basic 6, PowerBuilder 6.5, SQL, Oracle 7.0, HTML4 and ASP

**Salem State College** - BS Biology (Concentration in Marine Science); Minor Chemistry

## EXPERIENCE

### **The Quiet Fly Fisher** (hybrid)

**Loa, UT** 03/22 - 04/22

#### **Web Developer** (freelance, hybrid)

Redesigned and rebuilt a nonfunctional WordPress website into a visually appealing, intuitive, accessible, and responsive one, demonstrating an understanding of UX/UI Design, testing and the WP platform, including themes, plugins, and content migration. <https://www.thequietflyfisher.com>

### **Legacy Outdoor Adventures**

**Loa, UT** 03/18 - 03/22

#### **IT Manager** (hybrid)

- Managed and maintained IT operations for a growing company of approx. 75. This included HIPAA compliant security tools, applications, email systems, Wi-Fi, VoIP system, Xerox machine, and roughly 60 other devices.

- Identified, prioritized, and resolved diverse hardware and software issues both on-site and remotely, often navigating conflicting priorities and tight deadlines.
- Developed training processes, documentation, and provided necessary employee training.
- Conducted research and procured new equipment within departmental budget constraints and aligned with organizational needs.
- Served as the Google Workspace Super Admin and Microsoft 365 Global Admin.

#### **Office Support (hybrid)**

- Provided multifaceted support to all departments, clients, and their families.
- Created and maintained physical and digital confidential client files in CRM, adhering to all HIPAA and Joint Commission regulations.
- Maintained the digital portal for communication between clients and families.
- Created, edited, and published bimonthly videos for families utilizing a variety of software.
- Supported the Marketing department by performing data imports/exports, updates to CRM, creation and distribution of weekly reports, email campaigns utilizing MailChimp, and other projects as requested.
- Assisted the HR department with onboarding new employees, creating and updating employee files, developing, and implementing processes to digitize department records and other projects as requested.

#### **Humble Crumbs, LLC**

**Torrey, UT 03/13 - 02/18**

##### **Founder / Owner**

- Founded and ran a niche Cottage Food business that supplied baked goods to multiple customers including Capitol Reef Natural History Association (CRNHA). Increased their sales over \$10K each season.
- Developed, tested, and produced 6+ product line plus seasonal specials in compliance with State regulations.
- Researched, purchased, and maintained inventory to keep overhead and waste low yet sufficient to fill continually changing customer orders. Created my own excel inventory tracking system to do so.
- Performed all technical and administrative duties to support all aspects of the business.

#### **EarthTech**

**Concord, MA 2000**

##### **Professional I (Application Developer)**

- Developed, tested, and debugged scientific applications utilizing Visual Basic, Formula One and building blueprints that assisted nuclear power plants in developing emergency preparedness procedures.
- Created spreadsheets, reports and documentation utilizing Excel, DOS, Surfer and Word.

### **PROJECTS**

#### **Care Coordinator Web Application (<https://care-coordinator.onrender.com/>)**

**Remote 2023**

Allows users to enter important information on each of their pets. In building this web-based application, I displayed a working knowledge of HTML, CSS, JavaScript, React.JS, Node.JS, Express, Mongoose, MongoDB, JSON Web Tokens, Bcrypt and RESTful methods to develop frontend design, client-side validations, and the API framework. In MVP state. Future improvements include ability to upload pet photos, to set reminders and to locate resources such as dog parks, Vets, etc.

- Planned, designed, and developed from idea to functional full-stack application using stages of the software development lifecycle with an easily describable MVP, user stories, wireframes and mind map utilizing Figma.
- Constructed API following RESTful web services standards, deploying the tool in a CI/CD pipeline through GIT and Render.
- Addressed authentication and security concerns with JSON Web Tokens and the Bcrypt library.
- Created accessible, dynamic, and responsive front-end design using HTML, CSS styling, and DRY JavaScript.