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Jason Desmond

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- [Github](#)
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A software engineer who architectures robust full-stack solutions using React, Flask, PostgreSQL, and Node.js to streamline data management and improve user workflows. In recent projects, I've developed RESTful APIs for efficient CRUD operations, and refactored frontend interfaces to optimize mobile performance and accessibility. I deploy scalable applications with automated CI/CD pipelines, integrating third-party APIs for dynamic data, and enhancing system reliability through thorough testing and troubleshooting.

SKILLS

Languages: JavaScript, HTML5, CSS3, Python **Frameworks/Libraries:** React, Flask

Databases: SQL

Tools/Dev Ops: Github, RESTful APIs

Certifications: Coding Temple - Full Stack Development **Other:** Project Management, Troubleshooting, Team Building

PROJECTS

Technologies: HTML, CSS, Javascript, React, Flask, PostgreSQL, Node.js, Insomnia, JSON

- *Engineered a full-stack multi-page self-development web application with a React frontend and Flask backend that aids users by keeping track of habits, journal entries, and visually quantifies their progress towards building a habit*
- *Wrote Python script to create a RESTful API to store, create, delete, and update a consumer's data and input blog entries in a database by using Flask and ElephantSQL; Tested CRUD operations via Insomnia with mock user JSON input to test endpoints*
- *Designed user dashboard to support asynchronous tasks such as a to-do list, a journal component, an inspirational quote generator that pulls data from an API and populates a cell of the dashboard*
- *Programmed CSS, HTML and JavaScript to design layout for homepage, about section, dashboard, and sign-in/sign-up*

EXPERIENCE

Software Engineer Trainee - Coding Temple | Remote Technologies: fill in technologies here

2025 - Present

- **Architected** a full-stack web application using **React, Node.js, and MongoDB** to demonstrate dynamic content rendering and user data storage for a responsive and modern user experience.
- **Engineered** RESTful APIs with **Flask and PostgreSQL** to manage structured data efficiently and enable scalable back-end services for multi-user applications.
- **Orchestrated** state management in a quiz app using **React hooks and Context API** to streamline component communication and enhance user interactivity.
- **Refactored** legacy codebases using **JavaScript and Bootstrap** to improve mobile responsiveness and accessibility across multiple screen sizes and devices.
- **Deployed** full-stack applications to **Render and Netlify**, ensuring continuous integration and delivery pipelines for rapid iteration and user feedback cycles.
- **Integrated** third-party APIs like **Open Trivia DB** to fetch real-time data, showcasing asynchronous handling in **JavaScript** and error boundary implementation in React.

Field Training Manager - Winston Retail | remote 2020 - Present

- Managed and facilitated new device launches across the country, coordinating logistics and ensuring on-time execution.
- Provided technical support to Winston associates via phone, text, and email, troubleshooting and resolving product-related issues.
- Utilized planograms to effectively complete floor sets within major retailers, including Walmart, Dick's Sporting Goods, Academy, Belk, Macy's, and Verizon.

Senior Executive Chef - Prisma Health | Greenville, SC 2013 - 2021

- Successfully managed and coordinated multiple projects and teams, including a team of 35 direct reports, demonstrating expertise in project management, leadership, and team collaboration.

- Utilized data analysis and problem-solving skills to optimize production workflows, resulting in efficient delivery of 4,000 meals daily.

Culinary Instructor - Institute of Technology | Clovis, Ca 2006 - 2012

- Designed and delivered comprehensive curriculum to students, covering theoretical foundations, technical skills, and industry-specific terminology, demonstrating expertise in instructional design, content creation, and knowledge sharing.

Audio and Video Engineer - 5.1 Entertainment Group/Immergent Records | Santa Monica, Ca 2001 - 2006

- Delivered high quality content Managed post production workflows for high-profile clients, ensuring timely delivery of exceptional audio and video content.
- Applied technical expertise: Utilized skills in audio mixing/mastering, video capturing, editing, and encoding to deliver tailored solutions for A-list clients and major record labels.
- Collaborated with diverse stakeholders: Worked with clients like Janet Jackson, Britney Spears, and Foo Fighters to understand their creative vision and deliver high-quality results.
- Ensured quality and consistency: Developed and implemented quality control processes, earning credits on over 200 projects, including multiple platinum-selling DVD releases, and demonstrating ability to deliver under pressure.

EDUCATION

- **Coding Temple, Certificate - Software Engineering (Full Stack)**
- **Le Cordon Bleu, A.A. Culinary Arts**