Jamie Conway

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3004 N Venice Blvd, Oklahoma City, OK 73107

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Skills

Software engineer adept at crafting visually appealing and user-centric digital experiences through mastery of frontend technologies and a deep understanding of UI/UX principles. Database development skills include graph data modeling, data analysis, and stored procedures. Consistently delivers high-quality results and exceeds expectations. Possesses excellent interpersonal and communication skills.

LANGUAGES	DEV TECHNOLOGIES	SERVERS	TOOLS
Javascript	Algorithms and Data Structures	Linux (debian based)	Command Line Tools
Python	N-Tier Architecture	Apache	Graph Data Modeling
Cypher	Responsive Web Design	Vercel Cloud	Vim
HTML	Object Orientation	**CMS**	Emacs
CSS	Neo4j	Wordpress	Git
Typescript	Node.js		Postman
	React.js, Next.js, Vue.js		Visual Studio Code

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Experience

Nodecraft

Software Developer, *October* 2023 - *September 2024*, Oklahoma City, OK

- **Focused on UI/UX**: Ensured a consistent look and feel across all UI elements, managing spacing, loading states, accessibility, and error handling.
- **TypeScript Development**: Developed reusable custom components using TypeScript, enhancing code efficiency and maintainability.
- **Custom Component Creation**: Developed custom UI components using Vue.js single file components and the Composition API, promoting modular design and enhancing code reusability.
- **Debugging Expertise**: Diagnosed and resolved intricate issues across UI components, improving accessibility, functionality, and overall application performance. Ability to communicate and escalate across various teams, filing issues and getting things resolved quickly.
- **Testing Implementation**: Created comprehensive interaction and unit tests, increasing code reliability and robustness.
- **WebSocket Integration**: Updated UI components to react dynamically to WebSocket events, enhancing real-time user experience.
- **Version Upgrade**: Played a key role in the upgrade of Nodecraft Pro from v2 to v3, transitioning the application from Angular to Vue3 while maintaining UI consistency with the custom library.
- **State Management**: Utilized Pinia Stores for effective state management, balancing rules stored in the database with options in local/session storage.
- **Dev Experience Enhancement**: Contributed significant improvements to Nodecraft Studio, optimizing the developer experience and reducing editing time.
- **Drag-and-Drop Functionality**: Implemented intuitive drag-and-drop features to enhance user interaction.
- **Code Editor Improvements**: Enhanced the code editor using the open-source CodeMirror package, ensuring real-time responsiveness to user edits.
- **Ideation:** many times I was given a problem and figured out the best solution and then implemented that, entirely of my own accord.

Exaptive
Software Developer, March 2023 - September 2023, Oklahoma City, OK
- Developed data model for a graph network in Neo4j and ran community detection algorithms on the graph. The project aims to compare the performance of community detection algorithms in Neo4j's Graph Data Science to those in the Python package networkX, providing a cost analysis for the business.

Nourished Coaching & Consulting
Software Developer, Feb 2022 - PRESENT, Oklahoma City, OK
- Successfully established and managed an online sales system, integrating APIs and leveraging HTML, CSS, and JavaScript technologies.
- Developed and successfully launched an online course, seamlessly integrated as an exclusive members-only section of the website utilizing html, css, and javascript.
- Designed robust Mongoose schemas for MongoDB documents, ensuring efficient data modeling and optimal database performance.
- Developing an ingredient substitution engine by harnessing Neo4j graph network and advanced graph data science algorithms for enhanced ingredient analysis and recommendations.
- Developing educational flavor model for understanding building blocks of flavor and how to use that information to create recipes that adhere to a client's individualized health requirements. This is built using Neo4j, JavaScript/TypeScript in Next.js.
- Integrating the flavor model into our recipe database to algorithmically classify and group recipes using python, mongodb, and neo4j.
- Migrating the website to a Next.js application while developing administrative and client-facing tools to ensure a cohesive and personalized user experience using node.js, next.js, & Vercel cloud.

Nourished Nourished Food Bar / Owner-Operator
Food Scientist (95%) / Software Developer (5%), 2014 - Feb 2023, Oklahoma City, OK
- Developed user experience across multiple domains, including website, online ordering, and in-person interactions leading to 5 star reviews and sales growth.
- Designed a recipe data structure for internal use, ensuring efficient storage and retrieval of information, leading to increased productive output of the team, fewer mistakes made, and a more consistent product.
- Developed internal formulas for recipe costing and daily production management, which directly led to an increase in sales and profit.
- Developed algorithm for scaling production recipes, eliminating need for manual calculations, allowing for more precise, instant recipe scaling using python.
- Developed innovative food formulations, improving product quality and shelf life while meeting regulatory standards.

Education

OK Coders / Full Stack Developer / Oklahoma City, OK

University of Oklahoma / B.S. Biomedical Science / Norman, OK

The Real Deal Collective / Oklahoma City, OK

Certifications

OK Coders Full Stack Developer (expected completion September 2023)
Backend Development and APIs
Javascript Algorithms and Data Structures
Responsive Web Design
Building Neo4j applications with python
Cypher fundamentals
Graph Data Modeling fundamentals
Neo4j fundamentals

Skills

Development:
Solid knowledge of JavaScript/TypeScript, Vue.js, React.js, Next.js, Node.js, server & client components, plain

html, css, Redis, and Cloudflare Workers and Pages
Proficient understanding of versioning tools, such as GIT
Strong knowledge of asynchronous and Promise patterns
Knowledge of unit testing patterns and practices
Knowledge of SDLC and CI / CD and cloud platforms - deploying to Vercel's cloud
Experience with Python frameworks – Django, Flask
Familiar with system architecture
Technical Proficiencies:
Languages
JavaScript, Typescript, Python, PHP, HTML, CSS, CYPHER, Shell
Frameworks / Libraries
Vue.js, React.js, Redux, Express.js, Next.js, Django, Material UI, Tailwind CSS, Tailwind UI
Paradigms
Continuous Integration(CI), Continuous Delivery(CD), Kanban, Scrum, Agile Software Development, Continuous Deployment, Object-Oriented Design(OOD), REST APIs, Google Maps, React, Stripe, Node.js, jQuery