

JON CHRISTIE

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SUMMARY

Seasoned web developer and coding instructor with 4 years of experience specializing in driving user engagement and performance. Proven track record of increasing website load speed by 45%, boosting user engagement by 50% via UI/UX improvements, and reducing software bugs by 20% through effective automated testing. Adept at responsive design, optimizing mobile usage by up to 60%. Also passionate about education, having maintained a 100% student retention rate and achieving a 94% positive review rating while tutoring 250+ students in full-stack programming. Committed to utilizing technology for promoting sustainability, efficiency, and active learning in a socially conscious company.

TECHNICAL SKILLS

Front-End Technologies: React, React Native, HTML5, CSS3, JavaScript (ES6), TypeScript, Bootstrap, MUI, Tailwind CSS

Back-End & Cloud Technologies: NodeJS, RESTful APIs, Firebase, MongoDB, AWS, Google Cloud

Web Standards & Version Control: WCAG 2.0 & 2.1, Git, GitHub

Additional Skills: Sass, Less, NPM, Webpack, OAuth, Google Assistant, Amazon Alexa, ChatGPT

EXPERIENCE

Asksage.ai

May 2023 – Present

Frontend Developer - JavaScript, React, CSS, HTML, Python, Bootstrap, Jest, WCAG 2.1, Git

- Improved website performance by overhauling the frontend, resulting in a 45% increase in page load speed.
- Boosted user engagement by 50% by collaborating with cross-functional teams to design and develop a user-friendly chat interface using ChatGPT.
- Decreased bugs by 20% through the implementation of automated testing practices using Jest and React Testing Library.
- Increased mobile usage by 60% by utilizing responsive design for optimal viewing across various devices.
- Broadened site's audience by ensuring WCAG 2.1 compliance for accessibility.

Web Developer - WordPress, React, Tailwind CSS, JavaScript, Shopify, Photoshop, Illustrator

Jan 2020 – Present

- Enhanced client satisfaction 60% to 90% by upgrading gladisandco.com on WordPress with advanced CSS and JS tactics.
- Increased CTR by 47.3% to 1.15% through effective SEO practices like building backlinks, researching keywords, and optimizing on-page elements.
- Led a team of 2 developers to build the client's website, sweetcloverbarn.com, with WordPress per client's request.

TE21, INC -

Jun 2016 – Dec 2018

EdTech Developer - Python, LaTeX, MathML

- Increased rate of digitizing by 7.2X for 80K+ test items by leading and implementing the use of Python and MathML for the math team.
- Seamlessly merged with the parent company during acquisition by managing 4 newly hired developers to execute digitization of 220K+ test items.
- Delivered 20k+ practice tests to 18 nationwide districts by creating content with scalar graphics.
- Adhered to core standards and implemented Python and MathML to meet business/technical requirements for 18 districts.

PROJECTS

Portfolio - React, JavaScript, Tailwind CSS, Framer, React Parallax, State, Context

GitHub - <https://github.com/mathcodes/mathcodes.github.io>

Jan 2023 – Present

Live app - <https://www.jonchristie.net/>

- Utilized React Parallax and React Parallax Tilt to create dynamic parallax and tilt effects, adding a unique visual dimension to the app
- Utilized web-vitals to measure and optimize the app's performance, ensuring a fast and responsive user experience
- Implemented Tailwind-styled-components to build a customizable and responsive UI, allowing for easy styling changes

ContentForDevelopers.com - React, MUI, Tailwind CSS, HTML, JavaScript, SCSS, MDX-JS, DOM

GitHub - <https://github.com/mathcodes/contentfordevelopers>

Oct 2022 – Present

Live app - <https://www.contentfordevelopers.com/>

- Prompt and train over 20 collaborators by creating an extremely valuable learning experience in diversity, leadership, mentorship, growth, and professional development.
- Clean up code and replace MUI with Tailwind CSS, increasing scalability and performance by 10X
- Implement a series of testing types (unit tests, integration tests, QA, automated tests) and Agile processes (CI/CD pipeline using AWS), improving project reliability/scalability and decreasing development processes by 35%
- Program customization capabilities and set up easy refactoring for maintenance and working with teams

Marketing App - Typescript, JavaScript, Tailwind CSS, HTML, NextJS, React, DOM

GitHub - <https://github.com/mathcodes/marketing-app>

Dec 2022

Live app - <https://marketing-app-demo.vercel.app/>

- Built lightweight, responsive, and feature rich full stack application with filter searches and modals
- Integrated Typescript and Tailwind into a NextJS application which includes auth, firebase, and a responsive UI
- Maintained small bundle size and scalable architecture with carefully crafted data structures, leading to contract renewal for new website with real estate client
- Integrated browser compatibility (Chrome, Edge, Safari, Firefox, Opera) and adhered to W3C Accessibility Standards

TypeScript-To-Do - Typescript, JavaScript, Tailwind CSS, HTML

GitHub - <https://github.com/mathcodes/typescript-tags-todo>

Jan 2023

Live app - <https://typescript-tags-todo.vercel.app/>

- Advanced to-do list using TypeScript and React where users can filter, create, delete, edit, and update notes
- Fully responsive with microservices architecture with more room for future development by adding overhead and management complexity

EDUCATION

2U Inc @ UNC at Chapel Hill

Aug 2020

Full Stack Development Bootcamp

UNC at Chapel Hill

Bachelor of Arts in Mathematics

SKILLS & INTERESTS

Software Proficiencies: Adobe Creative Suite, Unity 3D, Visual Studio, Figma, Postman, Insomnia, PyCharm, Replit

Interests: Sustainability, Education, Technology, Yoga, Mindfulness, Equality

Additional Skills & Interests: Conversational Spanish, Surfing, Travelling, Music Production and Recording