

Julian Bristol

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Frontend Software Engineer

I am an enthusiastic Software engineer driven by a passion for creating exceptional user experiences. At Searcy Water Utilities, I increased mobile traffic by 45% in 4 months through responsive design and user-focused optimizations. With a strong foundation in TypeScript, HTML, CSS, SQL, and NoSQL databases, I am well-prepared to contribute my skills to your team's success.

EDUCATION

Bachelor of Science in Information Technology

Capella University • 09/2022

Specialization in Software Development

WORK EXPERIENCE

SmartWiz • Birmingham, Alabama • Full-time

Frontend Developer • 11/2023 – Present

- Initiated and conducted comprehensive code reviews, ensuring code quality, adherence to best practices, and knowledge sharing within the development team.
- Collaborated closely with product owners, UI/UX designers, back-end developers, and QA engineers to translate user requirements into highly scalable web experiences, ensuring effective communication and seamless integration throughout the development process.
- Participated in Agile methodologies (Scrum), sprint planning, stand-ups, reviews, and retrospectives ensuring timely, high-quality software delivery
- Leveraged AWS cloud services to host and manage web pages, ensuring optimal performance and reliability in a cloud environment.

Searcy Water Utilities • Searcy, AR

Web Development Consultant • 02/2023 – 09/2023

- Ensured web content accessibility guidelines and ADA compliance, resulting in a 15% increase in accessibility score and improved user satisfaction
- Successfully attracted 7% more visitors to the website through SEO strategies and content marketing efforts.
- Designed and implemented robust backend systems, utilizing advanced proficiency in JSON and RESTful APIs to streamline data communication and enhance overall system efficiency.
- Conducted comprehensive use case analysis to identify key challenges in existing processes. Applied strategic problem-solving techniques to streamline operations and enhance user experiences.

Lykka Village • Montreal, QC, Canada

Full-Stack Developer • 07/2022 – 02/2023

- Conducted usability testing, leading to a 15% reduction in user interface issues and a more streamlined user experience.
- Improved data exchange efficiency by 25% and reduced server-client communication latency by 15% through the development and deployment of RESTful web services.

- Optimized database performance through advanced SQL queries, leading to a 20% reduction in query response time.
- Leveraged React.js and JavaScript to implement innovative user-facing features, ensuring technical feasibility of UI/UX designs and optimizing applications for speed and scalability.

HR Inspired Business Solutions • New York City, NY

Software Developer • 08/2021 – 04/2022

- Achieved a 15% increase in overall application performance by developing and implementing backend routes using Express.js and Node.js, resulting in a 20% improvement in server response time
- Stayed abreast of industry trends and integrated emerging technologies, leading to a 30% reduction in page load times and enhanced web presence.
- Implemented cross-browser compatibility, responsive design, and mobile-first development strategies, contributing to a 25% increase in user engagement and improved user interface (UI/UX).

Department Of Homeland Security

Transportation Security Officer • 10/2016 – 07/2020

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification

Coursera • 08/2023

Version Control

Coursera • 08/2023

Introduction to Front-End Development

Coursera • 07/2023

AWS Cloud Technical Essentials

Coursera • 07/2023

Programming with JavaScript

Coursera • 07/2023

SKILLS

Programming Languages, Frameworks, and Technologies: Bootstrap, Cascading Style Sheet (CSS/CSS3), GraphQL, Hypertext Markup Language (HTML5), Java, JavaScript, Material-UI (MUI), MySQL, NextJS, NoSQL Development(MongoDB), React.js, SQL Development, TailwindCSS, TypeScript, Node.js, Redis, RDBMS

Design: Accessibility Standards (WCAG), Figma, Mockups, Responsive Web Design, SEO, UI/UX Design, Wireframe

Miscellaneous: Agile Development Practices, Back-end Development, Cloud Development, Computer Programming, Computer Science, Cross-Browser Compatibility, Database Development, Front-End Development, Full-Stack Development, Mobile Web Development, Object Oriented Programming (OOP), Scrum, Software Engineering, Testing and Debugging, Version Control (Git), Web Application Development, Web Development, Web Sites