

Julian Bristol

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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

- Collaborated with cross-functional teams to enhance product design through active participation in design reviews and usability testing
- Implemented and maintained RESTful web services following HTTP and web API standards to facilitate seamless communication between client and server, ensuring efficient data exchange and adherence to industry best practices.

- Developed and maintained efficient data systems by leveraging advanced SQL queries and relational database management techniques, ensuring seamless integration and accessibility of critical information
- Mentored and trained a team of 12 interns in cutting-edge front-end development technologies. Guided their development journey to create an efficient user search functionality within just two months.

HR Inspired Business Solutions • New York City, NY

Software Developer • 08/2021 – 04/2022

- Created and orchestrated backend routes using Express and Node.js, effectively enabling seamless communication between the frontend and backend components of web applications.
- Stayed abreast of industry trends, incorporating emerging technologies and best practices to enhance overall web presence and align with evolving market demands.
- Implemented cross-browser compatibility, responsive design, and mobile-first development strategies to enhance the user experience and user interface (UI/UX) and ensure optimal website performance across various screen sizes and devices.

Department Of Homeland Security

Transportation Security Officer • 10/2016 – 07/2020

CERTIFICATIONS

Supervised Machine Learning: Regression and Classification

Coursera • 08/2023 – Present

Version Control

Coursera • 08/2023 – Present

Introduction to Front-End Development

Coursera • 07/2023 – Present

AWS Cloud Technical Essentials

Coursera • 07/2023 – Present

Programming with JavaScript

Coursera • 07/2023 – Present

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), Reactjs, 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