

Diana Busch

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Summary

Enthusiastic Full Stack Web Developer with a strong passion for learning and problem-solving. Adept at turning ideas into functional digital solutions with expertise in modern JavaScript frameworks and technologies. Proven track record of completing projects under tight deadlines while expanding technical skill set to tackle new challenges. Seeking to leverage strong technical skills and creative problem-solving abilities to make a meaningful impact on the development of innovative web applications.

Technical Skills

Languages: JavaScript, HTML5, CSS3

Tools: React, Node.js, Express, Redux, TailwindCSS, Bootstrap, Recharts, Socket.io, GitLab, GitHub and Agile development methodologies.

Databases: MongoDB, Mongoose

Projects

Donor Database Application

- Collaborated with a team of web developers to create a comprehensive Donor Database for Persevere's non-profit organization to track donors, volunteers, and prospects while calculating donation amounts and automating relationship management task.
- Designed and created the dashboard and forms interface. Built interactive charts using Recharts to visualize annual donation trends and donor demographics. Implemented robust state management solution utilizing Redux Toolkit.
- **Technologies:** React, JavaScript, Node.js, Express, Redux, TailwindCSS, Recharts, GitLab

Cuttin' Up Community Project Website

- Built a full-featured non-profit website serving justice-impacted individuals with barbering/cosmetology training
- Developed responsive React application with 5 core pages, dynamic routing, and modern component architecture
- Implemented advanced CSS animations, gradient designs, and mobile-optimized layouts using Tailwind CSS
- Integrated multimedia content including embedded videos and external donation platform connectivity
- Created intuitive user experience with sticky navigation, smooth scrolling, and interactive UI elements

Experience

Software Developer
Banyan Labs LLC

August '25 – Current
Remote

Focused on building responsive and accessible user experiences using modern JavaScript frameworks and established design systems.

Key Accomplishments:

- Engages in daily Agile/Scrum ceremonies, including standups and sprint planning, to maintain alignment and deliver iterative improvements.
- Works closely with cross-disciplinary teams to architect, develop, and launch full-stack applications, such as an AI-driven, voice-enabled assistant.
- Manages version control through Git and GitHub, performing peer code reviews and supporting efficient, collaborative development practices.
- Contributes in team discussions while adapting to shifting priorities, showing initiative and flexibility in tackling diverse responsibilities.
- Assists with deployment processes, resolves technical issues, and ensures the delivery of scalable, user-focused software solutions.

Full Stack Web Developer
Persevere

July '24 – July '25
Goodyear, AZ

Key Accomplishments:

- Developed a comprehensive project tracking application using React and Redux for state management, featuring role-based authentication and multiple dashboard interfaces tailored to different user permissions and responsibilities
- Created interactive data visualizations using Recharts to display project progress, timelines, and key performance metrics across various user dashboards
- Built a real-time chat application from scratch using Socket.io, enabling instant messaging capabilities with features including user presence indicators, message history, and seamless connection management
- Implemented secure user authentication and authorization systems with role-based access control to ensure appropriate data visibility and functionality for different user types
- Designed and developed responsive user interfaces that provide optimal experience across desktop and mobile devices

Junior Web Developer
Persevere Now

December '24 – April '25
Goodyear, AZ

As a member of the development team, I contributed to the creation of a robust donor database solution using MERN (MongoDB, Express, React, and Node.js) stack. By combining my expertise in full-stack development and MERN stack technologies, I was able to deliver a powerful donor database solution that catered to the unique needs of Persevere, contributing significantly to its ongoing success.

Key Accomplishments:

- Designing and implementing the front end for various components such as the dashboard, user forms and data visualization tools.
- Implementing a scalable state management solution utilizing Redux to manage application state effectively.
- Developing REST APIs using Node.js and Express.js for seamless interaction with MongoDB database.
- Writing clean, maintainable, and efficient React components following best practices.
- Documenting codebase, APIs, and other technical aspects for future reference and collaboration among team members.

Education

Full Stack Web Developer Certificate
Persevere Now Coding Bootcamp

July '24 – July '25
Goodyear, AZ

A 52-week intensive program focused on mastering the MERN (MongoDB, Express, React and Node.js) stack.

Key learning outcomes include:

- Building dynamic, responsive, and scalable web applications using React, Redux, and other front end technologies.
- Designing and implementing RESTful APIs with Node.js and Express.js for seamless interaction with MongoDB databases.
- Implementing state management solutions utilizing Redux to manage complex applications effectively.
- Writing clean, maintainable, and efficient code following best practices in web development.
- Learning modern tools, libraries, and frameworks.
- Continuously refining and improving applications based on user feedback, performance metrics, and new best practices in web development.
- Gaining a strong foundation in computer science concepts such as algorithms, data structures, and software design patterns.

Associate of Arts (AA)
Rio Salado Community College

August '24 – August '26
Phoenix, AZ