

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. Eager to expand skill set and tackle new challenges, leading to the successful completion of projects and meeting tight deadlines. Seeking to leverage my 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, GitLab, GitHub and Agile development methodologies.

Databases: MongoDB, Mongoose

Projects

Donor Database

- Collaboration with a team of web developers to create a Donor Database for Persevere's non-profit organization to keep track of their donors, volunteers, prospects for new donors, and calculate the amount of donations received and automate tasks associated with maintaining the relationship with the donors.
- Designed and created the dashboard and forms. Created charts using Recharts to show how much is being donated each year and who the donations are coming from. Designed and implemented a robust state management solution utilizing Redux Toolkit.
- React, JavaScript, Node.js, Express, Redux, TailwindCSS, Recharts, GitLab

Experience

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 frontend 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 RESTful 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 frontend 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.

Associates Degree
Rio Salado Community College

August '24 – August '26
 Phoenix, AZ