



# Tanner Bohn

## Software Engineer

Results-driven full-stack developer with expertise in building dynamic web applications using **ASP.NET Core**, **React**, **Node.js**, **MySQL**, and **MongoDB**. Proficient in enhancing user experiences and implementing secure authentication solutions. Experienced in delivering projects from concept to deployment, with a focus on efficient data management and seamless **frontend-backend integration**.

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📍 Mesa, AZ

## Programming Languages

HTML5      CSS3  
JavaScript      C#  
SQL (Structured Query Language)

## Frameworks and Tools

React      Node.js  
Express.js      ASP.NET Core  
Entity Framework Core  
Vite      jQuery  
Bootstrap      EmailJS  
Git/GitHub      BCrypt  
JSON Web Tokens (JWT)

## Databases

MySQL      MongoDB  
GraphQL

## Core Technical Concepts

Object-Oriented Programming (OOP)  
Functional Programming  
ORM (Object-Relational Mapping)  
RESTful APIs  
MVC (Model-View-Controller)

## Education

### ASU Coding Bootcamp

Arizona State University  
Feb 2023-Aug 2023

### Bachelor of Science

Biochemistry  
Arizona State University  
2016-2018, 2020-2022  
GPA: 4.00

## Experience

### Software Engineer

#### Solid Ground AZ (February 2024 - Present)

- Developed a secure scheduling system using **C#**, **ASP.NET Core**, **Razor Pages**, and **MySQL**, leveraging **Entity Framework Core** for efficient and **scalable database operations**
- Designed normalized **database schemas**, created and executed **LINQ** queries for **dynamic data manipulation**, and managed **database migrations** to ensure **data integrity**
- Implemented **JWT-based authentication** and **BCrypt password hashing** for user data **security**
- Designed a **responsive** admin dashboard with **jQuery** for real-time schedule management, booking, and appointment notifications via **SMTP integration**
- Currently **manage and maintain** this project, ensuring **ongoing improvements** and **smooth operation** for the client

### Front-End Web Developer

#### Ashley Bohn Photography (October 2023 - Present)

- Created a photography portfolio site using **React** and **Bootstrap**, featuring **responsive layouts** and an **optimized image gallery**
- Implemented **contact form submissions** via **EmailJS** to send messages directly to the photographer
- **Actively manage** and update the website, ensuring it remains functional and **visually appealing** for the client

### Software Engineer

#### Plate Planner (October 2023 - March 2024)

- Built a meal planning and grocery app using the **MERN stack** and **GraphQL** for flexible querying and efficient data fetching
- Designed **database schemas** for managing recipes, ingredients, and shopping lists, ensuring **data integrity** and optimizing **MongoDB** queries with **aggregation pipelines**
- Integrated **JWT** for **secure authentication** and developed dynamic **recipe management** with shopping lists
- Utilized **Vite + React** for efficient development and designed a **responsive interface**
- Built as a **personal project** to enhance **full-stack development** and **database management** skills