

BRITTANI COURT

GitHub: <https://github.com/Serendipbrity> Portfolio: <https://serendipbrity.github.io/portfolio2022/> 4342829875 bcourt95@gmail.com

SUMMARY

As a skilled Full Stack Web Developer, I blend practical experience gained as a Software Developer and Teaching Assistant with a strong educational foundation in Full Stack Web Development from the University of Richmond. My journey through hands-on roles and continuous self-improvement reflects my commitment to delivering high-quality solutions and staying ahead of the latest trends in web development.

TECHNICAL SKILLS

Javascript, MERN Stack (MongoDB, Express, React, Node), MVC Paradigm(Model, View, Controller), HTML, CSS, Git, Bootstrap, jQuery, APIs, OOP, GraphQL, Sitefinity, Wordpress, SQL, NoSQL, .NET, C#, Adabas, Natural (NPL)

EXPERIENCE

Software Engineer

September 2024 – Present

Virginia Department of Motor Vehicles, Vehicle Department

- Spearheading the transition from legacy technologies (Adabas and Natural by Software AG) to C# and .NET, modernizing critical vehicle department systems for improved efficiency and maintainability.
- Collaborating with cross-functional teams to map data from Adabas structures and design C#-based solutions for seamless integration into the new architecture.
- Conducting rigorous testing and troubleshooting to confirm data integrity and operational consistency during system migration.

Software Engineer

10/2023-Current

MAXX Potential

(Remote)

- **Homepage Rebuild for Wise Giving Alliance:** Led the initiative to redesign and rebuild the homepage for the Wise Giving Alliance, focusing on enhanced user experience and interface, leading to improved engagement.
- <https://give.org/>
- **Mobile Responsiveness:** Leveraged modern web development techniques to ensure mobile responsiveness for optimal viewing across various devices.
- **Website Maintenance:** Regularly maintained and updated the Wise Giving Alliance website.
- **Sitefinity CMS Upgradation:** Spearheaded the upgrade of Sitefinity, enhancing the website's functionality and user-friendliness for both visitors and content managers.
- **Development Process Innovation:** Conceptualized and implemented a new development process.
- **Tools / languages used:** HTML, CSS, Javascript, Nuget, Sitefinity, C#, Razer Syntax, Git, Bitbucket, MVC, PHP, Wordpress, API, dotnet (.NET), SQL
- **MAXX Website:** Identified and resolved layout issues, enhancing mobile responsiveness.
- **Achievements:** Received second place for employee of the month 4/24

Instructional Specialist

11/2022-Current

EdX (Full Stack Web Development)

(Remote)

- Collaborate with a team of educators to deliver high-quality instruction for Full Stack Web Development at Universities such as Georgia Institute of Technology.
- Streamline administrative tasks by creating an automated script for taking attendance
- Provide individualized support for students to help them grasp complex concepts and troubleshoot coding projects
- Plan and execute effective lessons to ensure a successful learning experience for all students

EDUCATION

University of Richmond: Full Stack Web Development Certificate 2022

High School Diploma: Fort Hill High School 2013

PROJECTS

MindFlip |

Link to GitHub: <https://github.com/Serendipbrity/MindFlip>

Link to Deployed Project: <https://mindflip.onrender.com/>

- **Description:** A comprehensive flashcard app allowing users to create, edit, and study flashcards. Features user authentication, card categorization, and an innovative card review system based on swiping gestures. A progress tracker with a stats board is under development to visually represent users learning progress and offer fun learning metrics.
- **Core responsibilities:** Full-stack development, including front-end and back-end functionalities, UI/UX design and database setup.
- **Tools / languages used:** React, GraphQL, Mongoose, MongoDB, JSON Web Token, Express.js, Dotenv, Apollo Server, React-Router, Tailwind CSS, DaisyUI

QuickAttendance

Link to GitHub: <https://github.com/Serendipbrity/QuickAttendance>

- **Description:** A Python script designed to automate the attendance marking process by programmatically controlling mouse and keyboard actions, streamlining the procedure to mark everyone present initially.
- **Core responsibilities:** Script development and optimization
- **Tools / languages used:** Python