Chris Gibson

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LinkedIn: https://www.linkedin.com/in/chris-gibson-415909250/ GitHub: https://github.com/chrischarlesgibson
Portfolio: https://chrischarlesgibson.github.io/portfolio-v3/

Technical Skills

C# | JavaScript| .NET | TypeScript | Angular | ASP.NET| SQL | MS SQL Server | SMSS |database design| Entity | LINQ | MVC | Azure DevOps | Jira | Microsoft Entra | Microsoft Power BI | MVVM | RESTful APIs | React | OOP | Node.js | test driven development | Bootstrap | GitHub | Visual Studio | jQuery HTML |CSS (Material UI) | mobile-first design | WinForms

Professional Experience

TMF Health Quality Institute   Remote
Contract   Apr. 2024 -present
.NET Software Engineer

- Created custom training courses for physicians using C#, SQL Server, and JavaScript.
- Utilized Microsoft Entra, Fabric and Azure to embed Power BI reports API into client website using custom C# code
- Collaborated with internal business staff, designers, and technical resources to identify requirements and conceptualize feasible solutions for new systems, features, or defect resolutions, following Agile methodology.
- Designed and documented software operations and data schemas, including platform, component, upgrade, and integration recommendations using C#, SQL Server, and JavaScript.
- Worked independently or with software quality assurance engineers to support functional and regression testing.
- Developed and tested solutions adhering to software development standards, collaborating with project/scrum masters on backlog grooming, estimates, and burn down in an Agile environment.
- Supported solution deployments in collaboration with development team members and DevOps engineers.
- Used Jira for tracking project progress, managing tasks, and ensuring efficient Agile workflow.

GE Healthcare
Contract   Madison, WI
.NET Software Engineer   Oct. 2023 – Apr. 2024

- Spearheaded the integration and update of application functionality to align with new database schema using C# and SQL Server, enhancing system efficiency and data processing capabilities.
- Developed new features and maintained database conversion tool that worked with patient data
- Leveraged DevOps tools to streamline the CI/CD pipeline, enhancing the efficiency of application deployment and updates, ensuring seamless integration and delivery across multiple environments.
- Employed systematic debugging and troubleshooting techniques in C# , ASP.NET and SQL environments to swiftly address and resolve bug tickets, improving application reliability and user satisfaction.
- Led the design and implementation of robust new features in response to client requests, utilizing Agile methodologies to ensure timely and effective enhancements to the application.
- Collaborated in a dynamic Agile team, contributing to sprint planning, stand-ups, and retrospectives to continuously improve processes and outcomes in application development.
- Worked closely with cross-functional teams, including analysts, designers, and QA testers, to deliver high-quality software solutions that meet or exceed project requirements.
- Ensured the highest quality of code by conducting thorough reviews and implementing comprehensive testing, resulting in reduced bugs and improved application stability.

- Regularly interfaced with clients to gather feature requests and feedback, translating client needs into actionable development tasks that align with business objectives.
- Documented development processes and updates meticulously, facilitating clear communication and effective knowledge transfer within the team and to stakeholders.

Columbia County   **Portage, WI**
.NET Developer II   **March 2023 – Oct 2023**

- Serve as the primary developer on the development of a client-facing job application app, planning and executing all aspects of the app.
- Design and plan SQL database structures for scalability and performance, utilizing Entity Framework for efficient data manipulation and query execution.
- Translate business requirements into technical specifications, ensuring the application meets client expectations and needs.
- Adopt MVC architecture for new applications.
- Design and implement .NET Core APIs using C# to support the backend operations of the application.
- Develop user interface components and client-side scripting using JavaScript for an enhanced user experience.
- Adopt the Model-View-Controller (MVC) architecture to separate the development of the graphical user interface from business logic or back-end logic.
- Stay up-to-date with emerging trends and technologies in software development.
- Debug and resolve software issues, ensuring the application runs smoothly.
- Stay updated with the latest technologies and trends in .NET and JavaScript development.

Portfolio and Projects:

BadgerSocials | Live Site: https://badgersocials.com/home
Developed a social networking application in my free time to enhance proficiency in Angular and experiment with cutting-edge web technologies. The project leverages **Angular 18** for a modular, standalone component architecture and a **.NET 8 backend** for robust server-side logic. Authentication and session management are implemented using **JWT tokens stored in HttpOnly cookies**, ensuring secure user interactions.

The application incorporates real-time functionality through **SignalR**, enabling chat capabilities, including comments and direct messaging. Data is managed using **SQL Server**, with deployment and CI/CD pipelines streamlined via **Azure DevOps** and **Azure App Services**. This project serves as a practical exploration of modern web development practices and technologies, with ongoing improvements to address known bugs and optimize user experience.

To test the real-time chat functionality, users can open two different browsers, create two separate accounts, and initiate conversations to experience the app's seamless real-time communication capabilities.

Key features:

- Developed secure authentication with JWT and HttpOnly cookies.
- Implemented real-time communication via SignalR for chat and direct messaging.
- Used SQL Server for data persistence and optimized backend performance.
- Deployed and managed the application using Azure App Services and Azure Pipelines.
- Designed the project to enhance Angular expertise and experiment with scalable web app hosting on Azure.

Portfolio | Live Site: https://chrischarlesgibson.github.io/portfolio-v3/ **Repo** https://github.com/chrischarlesgibson/portfolio-v3

This is my portfolio page that I built to display projects I've built.

- Technologies used: JavaScript, React, React-Router-Dom, Node.js, Material-UI, Framer, react-hook-form, emailjs, dotenv

Education

University of California – Berkeley Extension   **Remote**
Full-Stack Web Developer Bootcamp   Sep. 2022– Dec. 2022

- Studied full-stack web development in an accelerated and rigorous training program.

University of Wisconsin – Madison   **Madison, WI**
GPA: 3.79/4.0, Graduated with Honors   Sep 2015- May 2018