Chris Douglass
Software Engineer

I am a passionate problem solver. I use software and technology to help solve problems or to reduce effort. When recently my employer decided to relocate all their IT employees to Northern Indiana, I decided to stay in the Nashville area and attend NSS to make sure that my front-end skills were strong. I like working with people to find solutions to problems they have. I enjoy applying my knowledge and my ability to discover technologies that accomplish this. I am a learner always looking for better ways to accomplish tasks.

Technical Education

2/2021 to present Nashville, TN
Nashville Software School
NSS is a six-month intensive, full-time software development bootcamp focusing on HTML, CSS, JavaScript, React and server-side fundamentals with C# and SQL.

- Single-page application development with React and with a focus on modern ES6+ JavaScript features modular code
- Project management with issue tickets and GitHub Projects
- Database planning by building entity relationship diagrams (ERD) to define relationships with an emphasis on maintaining flat data structure
- Utilized vanilla JavaScript (ES6) and React.js to create single page dynamic web applications using full CRUD functionality
- Styled applications using CSS, Bootstrap reactstrap and Material UI
- Completed 6 group project sprints while fully remote, comfortable with Slack, Zoom, GitHub Projects and wireframed for group communication and collaboration

Professional Experience

4/2013 - 12/ 2020 Portland, TN
Programmer
Nucor Building Group

- Using **JavaScript**, **jQuery**, **C#**, **SQL reporting** and **ADO.net** created manufacturing schedule that would read upcoming building projects and create a manufacturing schedule that optimized the manufacturing process. Because of the process issues with one part of manufacturing process the program would optimize a schedule greatly increasing productivity
- Co-creator of web program that would allow sales people to see their districts and sales on a map. This allowed for easier sales planning and allowed Sales managers to re configure their sales districts to changing economic metrics. This program replaced a manual process involving spread sheets and whiteboards. Allowing the refactoring to be done in a matter of minutes
- Co-creator of program that salesmen would use to plan sales plans for the next fiscal year. This program would allow for creation of data that could be stored electronically and reduce the amount of paper copies needed

Personal Info

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in https://www.linkedin.com/in/cdouglass516

🏠 https://github.com/cdouglass516

Programming Skills

- JavaScript
- C#
- Python
- C ++
- T SQL
- PowerShell
- React
- CSS
- Knockout
- jQuery

Education

Nashville Software School
Full-stack bootcamp

Calhoun Community College
Associates degree in Information Sciences

University of South Alabama
Attended as English major

- Developed new features and maintained a building estimating program. This program used **C#**, **C++**, **VB.Net**, **Entity Framework**, **Knockout.js** and **JavaScript** in a **ASP.net** program to estimate the cost of building design

7/2008 - 11/2012 Nashville, TN
IT Director
Alliance Data Management

- Created and developed a system for retrieving daily sales data from 630 independent grocery stores. The system used **C#** backend to read sales log and store data in a **MS SQL** database. This data was then used to analyze sales data to get sales for promotional programs. This system also analyzed sales data for potential fraud and sales forecasting

7/2006 - 7/2008 Portland, TN
Network Administrator
Olhausen Billiards

- Helped company move from San Diego to Portland, TN. This was moving their old infrastructure on Small Business Server to separate Windows 2004 servers for domain, file servers and Exchange servers
- Migrated Exchange accounts from SBS to Windows 2004 Exchange server
- Maintained and added functionality to company website using **php** and **Flash**
- IT Support for all users

2/ 2004 - 7/ 2006 Huntsville, AL
IT Manager
Petrocs / Fullserv
Petrocs provided ERP software for the oil Jobber industry to mostly independent oil jobbers in the eastern US.

- Built and loaded client and server computers for end-use customers
- Created and maintained **MS SQL** databases used as the backend data store
- Maintained backup and provided IT support for 52 customers in the Eastern US
- Wrote and optimized **SQL** queries and stored procedures
- Developed indexing and optimizing strategies **MS SQL** databases

7/1999 - 6/ 2004 Huntsville, AL
Programmer
Intergraph

- Maintained and added functionality to **Cobol** ERP systems running in a **Vax** environment
- Maintained and added functionality to a Transfer Pricing system
- Maintained and added functionality to a Transfer Pricing system that was used by divisions of Intergraph to allow them to purchase services, software and hardware from other Intergraph divisions. This was a **Unix** system using **C++** and **Informix** database

Projects
Backend Capstone
WhatsUp
An event calendar that only shows events within the next 24 hours. The application lets users advertise events and blast out new events right away. The technology used is React, React Native, SQL, c# web api and bootstrap.
https://github.com/cdouglass516/WhatsAppAPI

Frontend Capstone
Explore Nashville
This application used JavaScript, react, react-leaflet and bootstrap to allow users to see data provided by the Nashville Open Government API to display data on an open street maps ui of historical, public art and parks in Davidson County. It also allowed users to add their own markers and comment on the markers other users had added to the map. The main purpose of this project was to learn to use the react-leaflet library to add a map to a react component.
https://github.com/cdouglass516/capstone

Sales Application
Leonidas, Nucor Building Group
This application was built using JavaScript, jQuery, leaflet.js and