

Matthew Mills

Full Stack Developer

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Professional Experience

CobbleStone Software

August 2021 - Current

- Independently developed a React.js Word Add-In for integration with CobbleStone's Contract Management Software (Contract Insight) which uses a REST API. [Available here on AppSource](#).
- Rewrote a Legacy C# VSTO Plugin to run without the usage of local software and deprecated packages.
- Utilized Microsoft Graph API to allow clients to save files directly into their OneDrive using Contract Insight using ASP.NET. Utilized an OAuth 2.0 flow for retrieving/maintaining access tokens.
- Currently integrating [WOPI Protocol](#), creating a ASP.NET Core API which Microsoft is the client so that MS Word can be hosted on our servers. Pulls Contract Insight Files using Entity Framework Core.
- Demonstrated projects both asynchronously and synchronously to upper management.
- Provided technical advice and mentorship for newer team members.
- Creation of 15+ complex MS SQL Server stored procedures and innumerable table modifications.
- Lead several client-facing meetings, including resolving bugs/configuration issues in deployed instances of Contract Insight and additional services.

Skills

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| <ul style="list-style-type: none">JavaScript, React.js, Material UI, HTML, CSS, Node.jsC#, .NET, ASP.NET.Visual Studio, Visual Studio CodeOAuth 2.0Azure DevOps Server (TFS), GitHub. | <ul style="list-style-type: none">Photoshop, After Effects, Premier Pro, AuditionVite, Create React AppMicrosoft SQL Server (Transact-SQL)AWS AmplifyPostman (API Testing)Agile Methodologies |
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Personal Projects

Echoes.fyi

October 2023-January 2024

- Fully responsive Web App which consumes the Spotify Web API; developed using Vite.
- Utilized React.js with MUI, hosted using Cloudflare. All logos, art, and images are created via Photoshop.
- Features include Song Recommendations, Account Statistics, Audio Analysis, and Full Track Playback via the Spotify Player. Requires a Spotify Account.

M-Mills.com

December 2023-January 2024

- Utilized Three.js and Blender to create smooth background animations to improve design.
- React.js front end, fully responsive design that works with all screen sizes.

Older Projects

2021-2023

Speech Language Pathology Web Application

- Full Stack Application to aid Speech Language Pathologists in appointments.
- React.js Front End, Express API, MySQL DB.

Pokémon API

- ASP.NET Core API to relay first generation Pokémon.
- Main endpoint is filterable, searchable via fuzzy search (Levenstein Distance), and includes pagination.

Awards

Developer of the Year

CobbleStone Software

December 2023

- Awarded for my work on the CobbleStone Add-In for Word, greatly increasing value to CobbleStone's Services.

Excellence in Information Technology

University of Scranton

April 2021

- Awarded for my work on the CobbleStone Add-In for Word, greatly increasing value to CobbleStone's Services

Education

University of Scranton

B.S. Information Technology

September 2017 – May 2021

- 3.73 GPA, 3.9 Major GPA (*Magna Cum Laude*)
- Member of Upsilon Pi Epsilon (Computing Honors Society)