

Matthew Mills

Software Development Engineer

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Professional Experience

CobbleStone Software – Full Stack Developer

August 2021 – May 2024

- Independently developed a React.js Word Add-In for integration with CobbleStone's Contract Management Software (Contract Insight)
- Rewrote Legacy C# VSTO Plugins using ReactJS.
- Worked with MS Graph API to integrate OneDrive file management with Contract Insight files, allowing users to edit Contract Insight files in Word, Excel, and PowerPoint.
- Led [WOPI Protocol](#) development, creating an ASP.NET Core API with Entity Framework Core.
- Created several scripts and stored procedures to facilitate data requests in Contract Insight.

Revvity (Formerly PerkinElmer) – Software Development Engineer

May 2024 - Current

- I work with the Signals Data Factory (SDF) UI team to develop administrative tools used by clients to configure and customize their Signals Software (Signals Notebook, Inventa, Clinical, etc.)
- Owned, created, and maintained, numerous high-visibility, critical functionality regularly used by thousands of clients. (SDF 2.0 Mapping, Entity Relationships, Measurement Type Tags, etc.)
- Held several formal demonstrations of work to higher management.
- Often excel in tasks while given ambiguous/vague requirements open to change.

Skills

- | | |
|---|---------------------------------|
| • JavaScript, TypeScript, React, HTML5, CSS3, MySQL, PostgreSQL | • CLI Tools (Vite, CRA, Docker) |
| • Material UI, TailwindCSS, Three.js, Node | • Microsoft SQL Server, MongoDB |
| • C#, ASP.NET, ASP.NET Core | • Postman (API Testing) |
| • Visual Studio, Visual Studio Code | • Testing (RTL, Jest) |
| • Azure, GitHub, Jira, Confluence, Figma | • Agile Methodologies |

Recent Projects

Echoes.fyi (Awaiting Spotify Approval)

- Fully responsive Web App which consumes the Spotify Web API; developed using Vite.
- Utilized React.js with MUI. 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

- Personal development project exploring numerous technologies, including animation and WebGL technologies.
- Currently utilizes Three.js and Blender to create smooth background animations.
- React.js with TailwindCSS, fully responsive design.

Awards

Developer of the Year 2023

CobbleStone Software

December 2023

- Awarded for exceptional work as a developer during the 2023 year.

Excellence in Information Technology

University of Scranton

April 2021

- Awarded for achieving the highest GPA among peers in the same major.

Education

University of Scranton

B.S. Information Technology

September 2017 – May 2021

- Member of Upsilon Pi Epsilon (Computing Honors Society)
- Member of Scranton Swim Team