Joshua Siegl - Software Developer

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Professional Profiles:
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- https://stackoverflow.com/users/1217792/josh-siegl
- https://github.com/joshsiegl1

Achievement Summary:

- **Extensive .NET development experience.** I began writing games and building websites at the age of fourteen, primarily with C#/.NET and the XNA framework

- **Seven years of industry experience**. I've been lucky enough to work collaboratively with some incredibly talented developers throughout the course of my career at Cubesmart Self-Storage, EBS Healthcare, and Comcast.

Technical Summary:

- **Languuagues:** C#, JavaScript

- **Markup**: JSON, HTML, XML, XAML, CSS, LESS, SASS

- **Frameworks/Libraries:** React, Redux, Node.js, React-Native, Xamarin, Vue, Twilio, Moment.js, Gulp, Lodash, Webpack, WordPress, Orchard CMS, XNA/Monogame, jquery

- **Databases:** MS SQL Server, MySql, MongoDB

- **Devops/Hosting**: Azure, AWS, IIS, Heroku, Jenkins

Professional
Experience:

Personal Projects/Entreprenurial Endeavors - Remote, 2022 - Present
Politico - MonoGame
- Experimenting with Game Development in C# with the use of the Monogame framework. https://github.com/joshsiegl1/PoliticoRefresh The idea for the game is listed in the README.md file.
- Working with Unity 6 to build a 3D first person shooter title. This is purely just an endeavor to learn Unity as I've never worked with it before. Scripting is done in C#.
- Worked on an app called SmartScore Golf that could be paired to an IOT connected miniature golf ball via bluetooth. The idea behind the business was to allow miniature golf players to be able to track the number of taps on their ball before it dropped into the hole. You can connect to the app via Facebook and track your miniature golf score in real time with other families/players around the world at various partner miniature golf

courses. This is a self funded project of which I currently don't have the funds to persue any further. I'd like to continue on with the idea over time as funds come in.

Comcast - Philadelphia, PA 2021 - 2022 *Front-End Developer (Contract)* Project CLEAR

- Worked remotely on a small team of five with VUE.js to visualize errors for Comcast's Leveraged Entitlements and Auditing Reports tool.
- Worked on the backend with Node.js to access entitlement data from an Oracle Database.
- Worked with an ETL tool called CloverDX that was hosted with Amazon Web Services that Extracted Translated and Loaded data from Oracle into the backend of the application to be displayed on the frontend.

EBS Healthcare/Stepping Stones Group - West Chester, PA 2018 - 2021 *Software Developer*

- I rebuilt EBS Healthcare's timesheet application from the ground up utilizing modern front-end frameworks and backend languages. This was done with React, moment.js, .NET Core, Entity Framework Core, and MySql for storage. This application relied on a nightly process that pulled information into a cloud-hosted database from Microsoft Dynamics CRM 2011, Microsoft Dynamics acted as a "source of truth" for the timesheet application and is where employee, job assignment, min and max hours, rates, and account records were queried. The purpose of the application was to allow contracted employees to accurately enter hours for export to ADP.

- I Managed and maintained Caselite, a HIPPA-Compliant Java application that allowed our therapists to manage and maintain their caseloads. Caselite has both a retail and internal version with two separate databases and was purchased by EBS before my arrival.

- I managed, maintained, and extended a family of WordPress and Orchard CMS websites. I wrote a custom WordPress plugin for ebsuniversity.com that pulls data from the database and sends course completion information directly to the American Speech and Hearing Association to help meet our therapists's CEU requirements, which is crucial for them to maintain their licenses to practice.

  - https://www.ebshealthcare.com
- Managed, Maintained, and extended a series of .NET Console apps and jobs for manipulating data within Microsoft Dynamics CRM 2011

Cubesmart Self-Storage - Malvern, PA 2016 - 2018 *Full Stack Developer*

- Paired with a senior developer and tasked to build an auditing platform that was similar to a third-party party vendor's application allowing us to bring more control to the site in-house. We used React, Redux, .NET web-api, MongoDB, and a host of other front-end tools like WebPack, gulp, less, and Lodash to deliver an effective solution.

- I was put in charge of maintaining and extending the customer center application, a traditional ASP.NET MVC app that utilized jQuery on the client side. The application allowed customers to pay their self-storage fees online. It relied on a third-party payment processor / customer management system known as storeEdge that we made REST requests to process payments.

- Worked with a new hire to build a set of troubleshooting tools that our sales center used to aid customers with account issues over the phone. These functions include password resets, security question features, autopay management, address update and more. This was built using the same stack as the auditing platform.

- Helped design, develop, and maintain an authentication gateway that acted as a central authority for issuing JWT authentication tokens to our various internal applications. This gateway helped to abstract away the implementation details of Microsoft's Active Directory Authentication Library on a per-site basis for authentication with Office365 company email addresses.