Jonathan Haywood

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Full stack web developer with over a decade of diverse industry experience. A hard-working, driven professional with the ability to work independently, communicate effectively and a proven track record of producing quality software. Innovative problem-solver and passionate about using best practices in software design and architecture.

SKILLS

- **Frontend:** Javascript/ES6, React, Redux, Storybook, CSS/SCSS, Tailwind, HTML
- **Backend:** C#, ASP.NET and ASP.NET Core, T-SQL, Dapper, Node JS
- **Testing:** Jest, Enzyme, XUnit
- **Tooling:** Git, Webpack, Rollup, Azure, Jira, Bitbucket
- **Methodologies/Patterns:** Agile, Scrum, Continuous Integration, Dependency Injection/IoC Containers

PROFESSIONAL EXPERIENCE

Care Continuity
Senior Web Applications Developer, Dec 2016 – Present

- Migrated a legacy ASP.NET MVC application that worked with tens of millions of patient records to a single page React application, backed by ASP.NET Core API services. Included JWT token authentication, automatic session expiration, permissions, error and analytics reporting and SignalR integration.
- Created and maintained a reusable library of React components which made use of popular libraries such as Redux and Tailwind.
- Built a redux-based forms solution that had feature parity with the popular Formik JS library.
- Created a C# bulk report processing engine using .NET Task Parallel Library that asynchronously queried for large amounts of data in parallel, generated paged PDF results, and uploaded the finished report to Azure blob storage.

SteadyRain Inc (merged with Rainstorm Technologies April 2016)
Senior Web Applications Developer, April 2016 – Nov 2016
Lead Software Architect, May 2014 – April 2016

- Architected and implemented a cloud-based ASP.NET Web API service for a greenfield application that handled data retrieval from SQL, authentication, permissions, caching, heavy use of IoC/DI, cloud based message queues and encryption (working with a remote team distributed across the country).
- Worked with an international virtual team of clients, project managers and designers to build a custom content management system using KnockoutJS and ASP.NET Web API to support e-commerce and online virtual conferences for over 30 sites and over 100,000 users.

New Century Software
Software Engineer, July 2012 – May 2014

- Built company's first web-based pipeline integrity application using ASP.NET MVC 5 and ExtJS which interfaced with complex GIS REST services and mapping components allowing users to interact in real time with multiple years and millions of data points of archived pipeline survey data.
- Worked with an Agile team to create a Bootstrap, KnockoutJS and ASP.NET Web MVC application that enabled users to validate and stage large dumps of GIS data stored in an Oracle database and merge it with existing production data, an industry first.

Penton Media
Web Application Developer, May 2006 – April 2012

- Worked with a team to design and develop a series of DotNetNuke modules in C# and VB.NET. Helped develop a custom online content management system and custom event registration system.

EDUCATION

COLORADO STATE UNIVERSITY, Fort Collins, CO
Bachelor of Science in Computer Science
Minor: Mathematics