DREW JEX

Full Stack Software Architect

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About Me

Enthusiastic software architect specializing in JavaScript web application development and rich UI design. Check out my portfolio at **portfolio.drewjex.com.**

Top Skills

JavaScript (ES6+) web application development
- ➔ **React,** Babel, Webpack
- ➔ **NodeJS,** NPM, Express

UI Design/Development
- ➔ **Mobile** and **Web** Design
- ➔ **SASS**, **HTML**, **CSS**
- ➔ **Responsive** Design

.NET development
- ➔ **C#, WPF**
- ➔ **MVVM** framework
- ➔ Visual Studio

PHP back end development
- ➔ MySQL, SQL Server, MVC

Experience

Software Engineer · *SkyWest Airlines · May 2017 - Present*
Built and revamped critical JavaScript web applications, improving performance and load-time by 30%.
Trained and led employees on best practices in MVVM architecture and building reusable front end components.

Lead Full-Stack Web Developer · *BYU Campus Life · July 2014 - April 2017*
Led the design, developoment, and deployment of 10+ high-priority web apps spanning several departments.
Improved performance and design for high-traffic event-ticketing site exceeding 40,000 users.
Interacted directly with clients to design and develop high-quality UI interfaces for both web/mobile devices.

Software and Desktop Support Volunteer · *LDS Church · July 2013 - December 2013*
Designed and developed flexible, multilingual web applications used by church members in 5+ countries.
Oversaw deployment of supply-management application, streamlining delivery operations and minimizing errors.

Web Developer · *BYU Health & Human Performance Services · July 2011 - May 2012*
Responsible for spearheading development of complex online reporting system in HTML and Javascript.

Education

B.S. from Brigham Young University: Computer Science (April 2017)
Dean's List BYU College of Physical and Mathematical Sciences
Awarded ORCA Research Grant for development of cutting-edge music-generating software

OpenSource Projects · *github.com/drewjex*

Grid · *github.com/drewjex/Grid-Playground*
- ➔ Project testing capability of HTML5 Canvas element served by NodeJS Express server using web-sockets.

MusicMaker · *github.com/drewjex/MusicMaker-v2*
- ➔ Spontaneously generates music in 3 seconds or less by analyzing patterns in other music.

Custom WPF components · *github.com/drewjex/WPFComponents*
- ➔ Custom front end and back-end components built for WPF and .NET development.