

Jesse Knowles

403-703-1731 jesse@kinoli.com 244104 Horizon View Road, Calgary AB, T3Z 3M6

Portfolio: www.jesseknowles.com

Profile

As a full-time contractor for over 13 years now, my desire has always been to use my creative and collaborative working style to push the envelope in whatever I'm doing; in time, on budget and with superior quality, while exceeding the objectives of every project.

I specialize as a front-end object-oriented developer utilizing my design and even back-end skills when needed. For full project examples please visit www.jesseknowles.com. I have a passion for developing nice looking reactive websites and mobile apps that are useful for my clients and theirs.

Education

JOHN BROWN UNIVERSITY, SILOAM SPRINGS, ARKANSAS

BS in Digital Media, 2001

BS in Graphic Design, 2001

Skills

PROGRAMMING LANGUAGES

LAMP, PHP/mySQL, JavaScript/ECMA6+, XML, HTML, CSS/LESS/SASS, Objective-C/iOS, Electron, Cordova/PhoneGap

JAVASCRIPT FRAMEWORKS

React/Redux/Sagas, Vue.js/Vuex, Angular 1, 2+, jQuery, Vanilla

PHP FRAMEWORKS AND DESIGN PATTERNS USED

CodeIgniter, Yii, Zend, Model/View/Controller (MVC), Singleton

ADDITIONAL SKILLS

Storyboarding, Graphic Design, Sitemap Creation, ExpressionEngine, Wordpress, Flash PureMVC Framework, Video Editing, Photography, jQuery Mobile, Responsive Development, SEO, Shopify

SOFTWARE USED

VS Code, Sublime Text, GIT, Subversion, Gulp/Grunt, Photoshop, Fireworks, Illustrator, Final Cut, Xcode

RECENT BRANDS SERVED

ATB Financial, Getty Images, Disney PhotoPass, Parks Canada, TransCanada Pipelines, Rolex, Mercedes Benz, Dr. Phil, Calgary Coop, This is Ant, Arc Resources

Experience

OWNER/DEVELOPER, KINOLI, CALGARY, CANADA – 2005-PRESENT

- Lead UI React developer for ATB Financial to help launch a new digital online bank.
- Lead front-end developer for hybrid (iOS & Android) mobile app FreeNearMe using Angular 4, SASS and Ionic/Cordova.
- Developed a Hybrid desktop application for blockchain asset management company junxion.io, using Vue.js and Electron.
- Front-end AngularJS development for OPI Systems building an interface for their proprietary grain storage management system.
- Front-end development for Getty Images for over two years where I managed and built new AngularJS apps while integrating with responsive SASS and PHP.
- Developed many client websites using ExpressionEngine and CraftCMS and built custom add-ons and responsive styled templates using SASS/LESS and jQuery.
- Built an interactive Android and iOS app for Dr. Phil (2020 Diet App) using Cordova/PhoneGap with jQuery and jQuery Mobile which connects with a custom built CMS.
- Work with designers and other developers, remotely and in-house to fulfill client needs.
- Worked with Disney for over a year developing interactive applications on DisneyPhotoPass.com.
- Develop extensive iPhone applications using Apple's Xcode iPhone OS SDK and Adobe PhoneGap/Cordova.

FLASH DEVELOPER, CRITICAL MASS, CALGARY, CANADA – 2005-2006

- Worked with top brands such as Dell, Pampers, HYATT and more to fulfill their interactive needs.
- Developed interactive Flash mini-sites, games and interfaces.
- Developed with ActionScript 2.0 and Model/View/Controller methodology in mind.
- Created XML structure to be implemented with Flash.
- Worked with designers and web developers to fulfill project needs.

SENIOR INTERACTIVE DESIGNER/DEVELOPER, PROGRESSIVE COMMUNICATIONS, LAKE MARY, FLORIDA – 2004-2005

- Worked with Sony BMG to develop recording artists websites.
- Designed/Developed award winning Interactive Flash Games.
- Animated and synced audio in virtual Flash tutorials for AAA.
- Integrated PHP, JavaScript and CSS into client website's to fulfill scope of projects.
- Did all photography for client photo-shoots.

SENIOR NEW MEDIA DESIGNER/DEVELOPER, DESIGN MINDS, WINTER SPRINGS, FLORIDA – 2002-2004

- Responsible for the look and feel of all web related content.
- Worked directly with multiple large ministries to develop their brand on the web.

- Developed Flash sites that required back-end administration.
- Developed the company's corporate identity including their website.

NEW MEDIA DEVELOPER/DESIGNER, MOUSEUP MEDIA, ALEXANDRIA, VIRGINIA – 2001

- Developed Flash/HTML hybrid websites.
- Worked closely with other developers to design and animate flash pieces for CD-ROMs.

Recent Projects

BRIGHTSIDE - ATB FINANCIAL

As a lead UI React developer for ATB's Brightside brand, I helped ATB build a fully reactive interface for their online digital bank. This involved componentizing the frontend with Redux and Sagas used to maintain application state. I helped lead the large development team into pushing new techniques like Formik and Yup for form handling and introduced styled components and even hooks into our workflow.

JUNXION

Designed and developed a blockchain portfolio management desktop application using Vue.js and Electron. It interfaces with over a dozen API's to get the latest blockchain values and asset counts from various external exchanges. The application also tracks the history of a persons asset values and charts them for the user (junxion.io).

AICP SHOW

Designed and developed an interactive website for AICPshow.com connected to an ExpressionEngine CMS backend. The website has many custom features including full screen background videos, custom category filtering, animated sidebar menu's.

DR. PHIL 2020 DIET MOBILE APPLICATION

Developed a mobile app using Cordova/PhoneGap to accompany a book written by Dr. Phil. The app utilizes Push Notifications, Facebook login, Custom Date picker and integration with a custom CMS to manage the content and users.

ISTOCKPHOTO.COM (GETTY IMAGES)

Worked with a large team of developers building new AngularJS apps and modifying existing ones. Helped build out company standards for working with SASS. Worked with PHP Zend to serve backend data to AngularJS front-end using injected methods and also restangular endpoints.

THIS IS ANT

Developed thisisant.com and consulted for This is ANT a sports technology company in Cochrane, Alberta. The website was creating using ExpressionEngine and allows the client to manage all aspects of their website.

ARC RESOURCES

Was the lone developer on the redesign of ARC Resources, a mid-sized oil and gas company in Calgary, Alberta. Made a desktop and mobile version utilizing the full benefits of ExpressionEngine.

TRANSCANADA PIPELINES

Developed an interactive map showcasing the clients existing and future pipelines for desktop and mobile devices. jQuery and HTML5 was used extensively for this project.

DISNEY

Developed interactive product builders for disneyphotopass.com that have been used extensively by visitors to Disney theme parks.

ROLEX

Developed several complex sections of rolex.com and incorporated them into their existing content managed website.

Accolades

MIT INCLUSIVE INNOVATION CHALLENGE REGIONAL FINALIST IN US & CANADA – JUNE 2019

The JobBliss community driven app has been recognized as an MIT award finalist. The web app was built using Vue.js, Vuex along with CraftCMS and is used by Companies to help manage their contract resources and to help contractors connect with businesses.

TAUGHT ADOBE FLASH FOR TRAINING CALGARY – MAY 2010

Asked to teach a two-day course on the fundamentals of Adobe Flash.

WINNER IN THE SELF-PROMOTION CATEGORY @ 2008 APPLIED ARTS INTERACTIVE AWARDS – NOVEMBER 2008

The Veer - Rest Stop flash website (<http://www.veer.com/ideas/relax/>) won the Applied Arts award in the self-promotion category.

OFFICIAL HONOUREE DISTINCTION @ 12TH ANNUAL WEBBY AWARDS – JUNE 2008

The AICP Show received an "Official Honouree" distinction at the 12th annual Webby Awards.

SITE OF THE DAY AWARD @ ADOBE.COM – FEBRUARY 2006

I was awarded an Adobe Site of the Day Award for a campaign website for the Las Vegas Convention and Visitors Association (LVCVA).

INTERACTIVE MEDIA GOLD @ THE CENTRAL FLORIDA ADDY AWARDS – FEBRUARY 2005

SITE OF THE DAY AWARD @ MACROMEDIA.COM – NOVEMBER 2004

Received two awards for the interactive promotional game Dress the Turkey. It has been a viral marketing success story and has been Nationally recognized.

INTERACTIVE MEDIA GOLD @ THE CENTRAL FLORIDA ADDY AWARDS FEBRUARY 2003

Received a gold in Interactive Media for the interactive website I created for H2O Church.

GUEST SPEAKER @ THE WASHINGTON DC FLASH USERS GROUP NOVEMBER 2001

Main presenter at the Washington DC Flash Users Group and spoke about the use of tweening in flash. I demonstrated the way to shape tween (morph) complex objects together over a period of time.