

JAMIE SMITH

FRONT-END DEVELOPER

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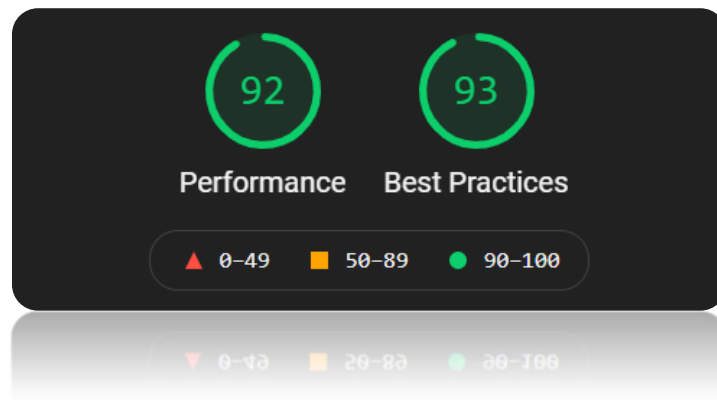
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SUMMARY

Seeking a long-term career with a company as a **Remote Front-End Engineer** where I can learn, grow and share my knowledge and skills to help build great software products and applications for the company & the web

ABOUT MY SKILLS

Currently working with Architects on releasing a **NEW Vanilla JS Extremely Lightweight OOP/MVC Framework (ARD2D)**, see portfolio below. With 15 years' experience in the field to date, one of my core skills is building accessible applications for Web & Mobile devices. Some technologies I've been experimenting with to enable this is leveraging the **W3C/HTML5 Standards** and practices such as **First Contentful Paint, Time to Interactive, Speed Index, Total Blocking Time, Largest Contentful Paint & Cumulative Layout Shifts** Metrics in addition to using JavaScript API's available today and client sessions to cache and sync with backend services when available. With doing do, achieving high-end scores for Performance, Best Practices and SEO...etc.



ARC2D WEBSITE - <https://www.arc2d.com/>

ARC2D DOCS - <https://www.arc2d.com/resources/doc>

ARC2D FRAMEWORK - <https://github.com/Arc2D-Framework/arc2d>

ARC2D LINES OF CODE CHART COMPARISON -

https://drive.google.com/file/d/17_kC6rK5LIhnuYfvMf9SiUKIEMax-pOx/view?usp=sharing

ARC2D FRAMEWORK SIZE CHART COMPARISON -

<https://drive.google.com/file/d/1gBdL4owQSWKH6TIPFTfHQvlfInAmaX9B/view?usp=sharing>

ARC2D FRAMEWORK MEMORY ALLOCATION CHART COMPARISON -

<https://drive.google.com/file/d/1MTu8Xsp6xrM6B9HgtMBSfmHoCHWKiJnT/view?usp=sharing>

EXPERIENCE

MAY 2020 – PRESENT

FRONT-END DEVELOPER, [ARC2D](#) – FRAMEWORK DEV & DEPLOYMENT

POSITION TYPE: REMOTE

The Arc Engine (ARC2D) is a native, W3C compliant ES6/7 Framework for building enterprise-class 2D/Web/Mobile Applications. Over a decade old, Arc began as a personal R&D project to reduce and reuse repetitive UI patterns, cutting time and costs on projects dating back to 2007. It has since evolved slowly across prestigious companies used primarily for in-house internal applications. Arc is now going public. No webpack, grunt, babel, pre- or post-processors needed. Optional dependencies vary on the developer.

ARC2D is constructed to support creation of Single Page Applications & **True HTML5 WebComponents** that can be used on any framework/library without code re-write, no framework or library currently supports this feature. It also eliminates the use of complex JS State Management, Heavy Website/Application Dependencies (Routers, Redux, Redux Saga/Thunk, Stores, Middleware's...etc), Webpack, Bundlers & so much more. The Arc engine is just **10KB/1,400 Lines of Code (LOC)** in size built with many powerful revolutionary features modern frameworks & libraries today struggle with while making data-binding easy for developers & maintaining CSS between applications and websites in a straightforward way using cascading, style inheritance & namespaced applications. More information can be explained at Arc2D Documentation: <https://www.arc2d.com/resources/doc>

APR 2019 – May 2020

FRONT-END APPLICATION DEVELOPER, [ADP](#) – CONSULTANT – WINTER HAVEN, FL

POSITION TYPE: REMOTE



May 2020: Contributed to ADP's (<https://www.adp.com>) Platform & Internal Software, innovating new ideas & code. Other developers, my manager & I released a Patent which includes my name on it (**Part Patent Ownership for Intellectual Property**).

- Core Duties —With a given set of requirements via Word Doc/PowerPoint, implemented ADP Products into offline demo applications for which clients, prospects and business owners..etc can view real world demos of ADP services and products, mirroring the actual products from live site
- Internal ADP Frameworks —Learned and adapted to using internal ADP frameworks and contributing to new features

- Project Management —Led numerous projects and collaborated with other developers in completing requirements for such projects
- Multitasking —Worked on multiple projects in a fast-paced environment, meeting deadlines & pushing ADP Demos into production

TECH STACK:

- Dojo
- Angular / AngularJS
- Djit
- ReactJS
- Revolution
- jQuery
- Moment.js
- FullCalendar.js
- PikaDay.js
- Native OOP JS ES6, ES7..etc
- HTML/5
- CSS/3
- FlexBox Model
- CSS Grids
- Bootstrap v3.x – v4.x
- CSS Media Queries
- FontAwesome v4.x – v5.x
- Animate.css
- iOS Development/Debugging (HTML, CSS, JS)
- Application Debugging using Developer Tools
- Skype & WebEx for Daily Meetings
- Rally/Jira for Tracking Agile Development
- 2 Week Spirits
- BitBucket for GIT

MAR 2018 – APR 2019

FRONT-END WEB DEVELOPER, CONSULTANT – WINTER HAVEN, FL

POSITION TYPE: REMOTE

- Involved in several smaller freelance and consulting projects
- Developing both web and mobile hybrid apps with Apache Cordova
- Web and mobile apps created with Native JavaScript/ES6/ES7, HTML5, CSS3 following Object Oriented Programming best practices

JUL 2016 – JAN 2018

FRONT-END WEB DEVELOPER, [TILESDIRECT.NET](http://tilesdirect.net) - LAKE WALES, FL

POSITION TYPE: REMOTE

- Creation of web pages using the latest technologies of HTML5/CSS3/JavaScript/jQuery and product management via the BigCommerce platform
- Website & Social Media Management
- Converted design layouts into functional HTML/CSS/JavaScript code to be implemented into the

BigCommerce platform

- Used critical thinking and problem-solving skills to enter vendor data (in various formats) into the CMS listing template
- Collected, edited, logo branded & uploaded product images into WebDAV server(s) as well on web pages
- Designed & hard-coded e-mail newsletter campaigns with the use of MailChimp™ and HTML/CSS while applying best business practices
- Optimized & added (SEO) to products, resulting in top website rankings that enhanced the SEO for organic searches/user visits and conversions to sales.
- Analyzed and backed up store-front to be migrated from PHP 5 to PHP 7, then to re-enable custom frameworks/scripts for the new website
- Implemented responsive mobile/tablet support with the use of Bootstrap and CSS Flexbox responsive frameworks to achieve mobile design layouts
- Research and created custom website blogs/articles regarding new product launches, website sales & promotions
- Weekly website maintenance & clean-up of obsolete products from Manufacturers
- Collaborated with third party SEO & Advertisement companies in helping achieve positive results and top website rankings
- Delivery of Rich Graphics & Animation of company video intro
- Research, Testing & Integration of Custom web plugins and frameworks into The Big Commerce CMS Platform
- Identify Target Customers
- Visual Design and Web Development Strategies
- Analyzed key metrics and tweaked strategy as needed

JUL 2016 – JAN 2018

SOCIAL MEDIA MANAGER, [GARDEN STATE TILE](#) - LAKE WALES, FL

POSITION TYPE: REMOTE

- Social Media Management using Facebook, Twitter, Instagram, Pinterest, & LinkedIn
- Applied up-to-date business practices in generating new followers, leads, web traffic & also establishing business relations with manufacturers & companies
- Promote content through social advertising (Paid & Non-Paid) Facebook Campaigns using ADS Manager
- Logo branded images for published posts
- Development of brand awareness and online reputation
- General content management
- SEO (search engine optimization) and generation of inbound traffic with the use of trending #hashtags
- Cultivation of sales
- Administrate the creation and publishing of relevant, original, high-quality content provided by staff

DEC 2015 – APR 2016

FRONT-END WEB DEVELOPER, [HOTELCOUPONS](#) - KISSIMMEE, FL

POSITION TYPE: REMOTE

- Cordova/PhoneGap JavaScript, HTML5, CSS3
- Tasked with redesign and rewriting Hotel Coupons app

- Implemented new UI Skin
- Responsible for UI life-cycle, design and code development
- Successfully released production distribution (v4.0.2) on major app stores in March of 2016

JUL 2015 – OCT 2015

FRONT-END WEB DEVELOPER, ADHARMONY - KISSIMMEE, FL

POSITION TYPE: REMOTE

- 5-month project to create User Interface for upcoming advertising platform
- Met daily with business owner to understand business requirements
- Analyzed and designed UI concepts and wireframes from business documents
- Content entry into Drupal CMS from business documents along with validation to website(s) on proper data/layouts utilizing HTML, CSS & JavaScript best practices

SEPT 2011 – APR 2015

PRODUCTION TECHNICIAN, [LENSCRAFTERS](#) – NYC

POSITION TYPE: ONSITE

- Produced quality eyewear through utilizing the Quality Manufacturing Program (QMP)
- Selected lenses for marking, taping, blocking, generating, fining, polishing, coating - Polycarbonate lenses & adding anti-reflecting coating to lenses
- First inspection (surface and finished lenses), taking frame measurements & block lenses to follow up for final edging process

FEB 2007 – JAN 2008

IT HELPDESK/TECHNICIAN, [PERFECT OPTICAL INC](#) – NYC

POSITION TYPE: ONSITE

- RedHat/Windows XP - Prescription management using CC Systems for Linux
- Hardware Support – Responsible for maintenance, repair and upgrades
- Software – Firmware installation, virus, software updates and patch distribution
- Handled outbox shipments via DHL/Fed-Ex with proper procedures to company products

JUN 2006 – JAN 2007

FRONT-END WEB DEVELOPER, [WEIGHTWATCHERS.COM](#) – NYC

POSITION TYPE: ONSITE

- Worked with a team of 5 content editors to help manage the content across the site (U.S. UK, Canada, Netherlands, Germany, Australia)
- Responsibilities included creation and updating of HTML web pages using an in-house content management system database (CMS)
- Involved in specifying page layouts, templates, applying CSS styles & themes to templates and data entry of content into the CMS database

AUG 2005 – DEC 2005

FRONT-END WEB DEVELOPER, UNITEDGREETINGS.NET

POSITION TYPE: REMOTE

- Entered product data into the content management system (greeting cards, images, prices, sku)
- Responsible for overall static HTML builds and cutting/slicing up of images via Photoshop
- HTML maintenance; provided support and bug fixes.
- Participated in daily status update calls


SKILLS

- JAVASCRIPT / ES6 / ES7
- HTML/5
- CSS/3
- OBJECT ORIENTED PROGRAMMING
- ANDROID/iOS DEVELOPMENT
- BOOTSTRAP
- ASYNCHRONOUS JAVASCRIPT
- XML
- JQUERY
- CLOUDFLARE PROXY DNS/WORKERS
- REACT.JS
- REDUX.JS
- SINGLE PAGE APPLICATIONS (SPA)
- APACHE CORDOVA
- S.O.L.I.D Principals
- API WEB SERVICES / INTEGRATION
- RESPONSIVE DESIGN
- O-AUTH
- BENCHMARKING
- WEBSITE OPTIMIZATION

PORTFOLIO

- **SUNCLOUD DESKTOP/MOBILE HYBRID APPLICATION - WEATHER SCREENSHOTS -**
[GOOGLE DRIVE - SUNCLOUD](#)
- **2D CLOUD SIMULATION USING ONLY DOM NODES (ARC.JS WORLD ENVIRONMENT – 60FPS – INTERPOLATION/TIME STEPPER – MADE WITH DIVS – NO CANVAS –**
[HTTPS://GIST.GITHUB.COM/JAMESTA696/F7EAC8859650C3D71508FBA49F01C4A3](https://gist.github.com/JAMESTA696/F7EAC8859650C3D71508FBA49F01C4A3)
- **ARC2D SPA DEMO -** [HTTPS://GITHUB.COM/ARC2D-FRAMEWORK/ARC2D-SPA-DEMO-CLOUDFLARE-WORKER-SITE](https://github.com/ARC2D-FRAMEWORK/ARC2D-SPA-DEMO-CLOUDFLARE-WORKER-SITE)
- **GITHUB -** [HTTPS://GITHUB.COM/JAMESTA696](https://github.com/JAMESTA696)
- **VIDEOTAINMENT REPOSITORY -**
[HTTPS://GITHUB.COM/JAMESTA696/VIDEOTAINMENT](https://github.com/JAMESTA696/VIDEOTAINMENT)
- **EVENT CALENDAR REPOSITORY -**
[HTTPS://GITHUB.COM/JAMESTA696/EVENTCALENDAR](https://github.com/JAMESTA696/EVENTCALENDAR)
- **GITSEARCH REPOSITORY -** [HTTPS://GITHUB.COM/JAMESTA696/GITSEARCH](https://github.com/JAMESTA696/GITSEARCH)
- **CLIENT ACCOUNT MANAGER (REACT/REDUX/FIREBASE) V1.0 -**
[HTTPS://GITHUB.COM/JAMESTA696/CLIENT-ACCOUNT-MANAGER](https://github.com/JAMESTA696/CLIENT-ACCOUNT-MANAGER)
- **CARBONMADE PORTFOLIO -** [HTTPS://JAMIESMITH444.CARBONMADE.COM/](https://jamiesmith444.carbonmade.com/)
- **SETTING HTTP SECURITY HEADERS TEMPLATE:**
[HTTPS://GITHUB.COM/JAMESTA696/SET-SECURITY-HEADERS](https://github.com/JAMESTA696/SET-SECURITY-HEADERS)
- **ARC2D TOGGLE BUTTON CODE EXAMPLE SNIPPET:**
[HTTPS://GIST.GITHUB.COM/JAMESTA696/9983566327A0D8E7A1E9329E812A0873](https://gist.github.com/JAMESTA696/9983566327A0D8E7A1E9329E812A0873)


- SCAN YOUR COMPANY'S SECURITY HEADERS: [HTTPS://SECURITYHEADERS.COM/](https://securityheaders.com/)

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Security Report Summary	
	Site: https://www.arc2d.com/
	IP Address: 2606:4700:3031::ac43:bd64
	Report Time: 22 Feb 2021 04:55:02 UTC
	Headers: ✓ Strict-Transport-Security ✓ Content-Security-Policy ✓ Permissions-Policy ✓ Referrer-Policy ✓ X-Content-Type-Options ✓ X-Frame-Options
	Warning: Grade capped at A, please see warnings below.


- SCAN YOUR COMPANY'S WEB PERFORMANCE RATING: [HTTPS://GTMETRIX.COM/](https://gtmetrix.com/)

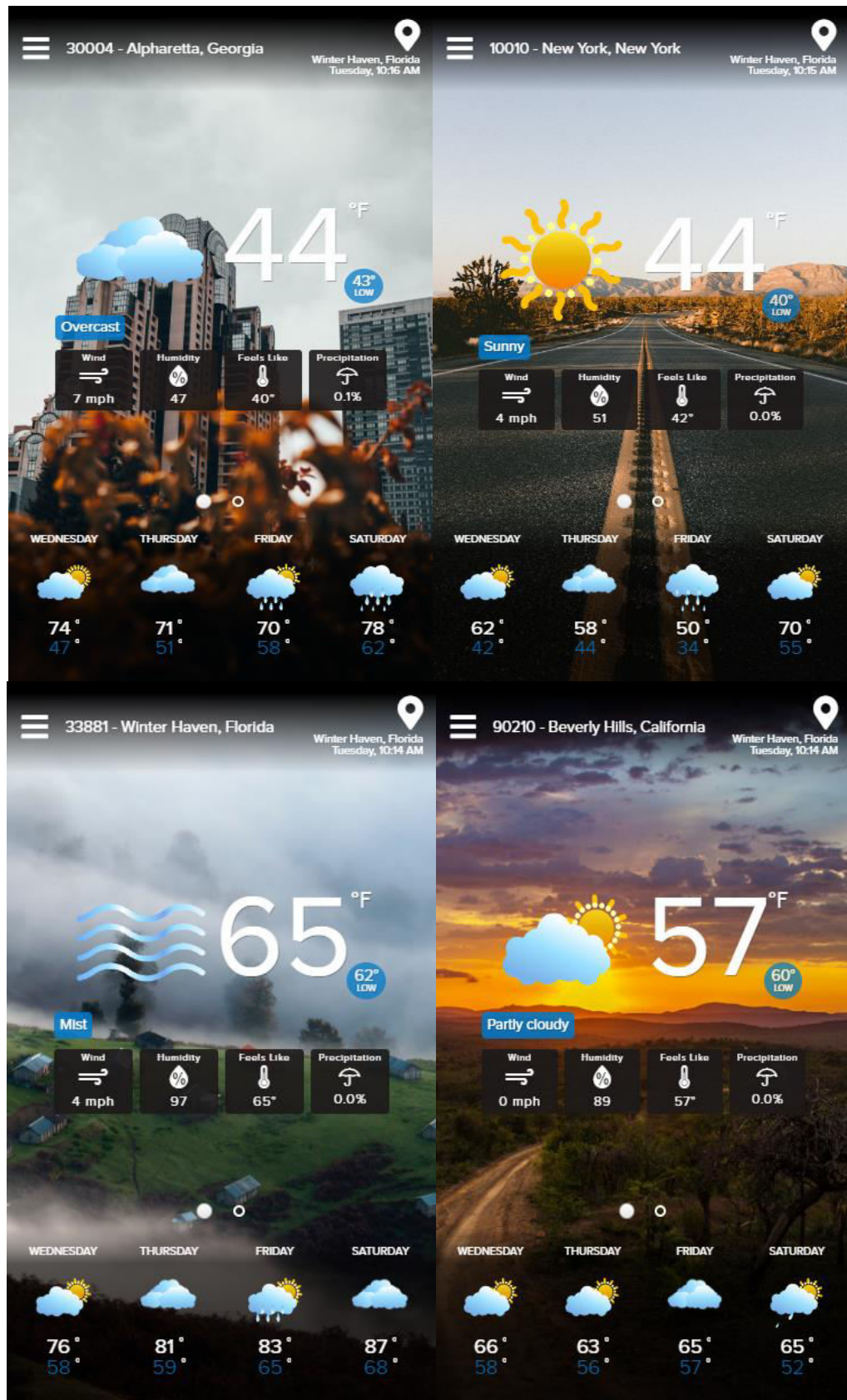


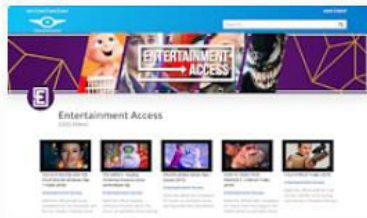
Latest Performance Report for:

<https://www.arc2d.com/>

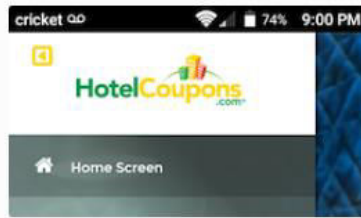
Report generated: Sat, Feb 20, 2021 2:33 PM -0800
Test Server Location:  San Antonio, TX, USA
Using:  Chrome (Desktop) 86.0.4240.193, Lighthouse 6.3.0

GTmetrix Grade [?]			Web Vitals [?]		
	Performance [?]	Structure [?]	Largest Contentful Paint [?]	Total Blocking Time [?]	Cumulative Layout Shift [?]
	99%	98%	0.8s	47ms	0.07

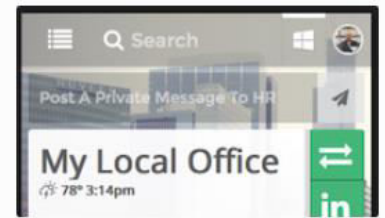




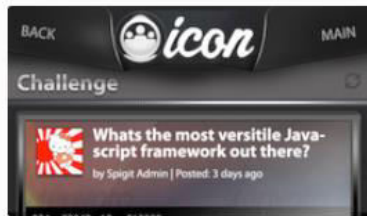
Videotainment



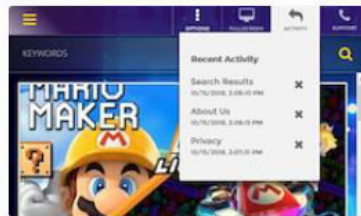
Hotel Coupons



LogicNow



Icon



YouTube Blue