

**ANDREW CLIFFORD**  
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### **Technical Summary:**

**Front End** - JavaScript, TypeScript, React, Redux, React Router, JQuery, Gulp, Webpack, Babel, Next.js, HTML5, CSS3, SCSS, Bootstrap, MaterialUI, Mantine UI, Grommet, Tailwind, TDD, Jest, Jasmine, Selenium

**Back End** - PHP, MySQL, Node.js, RESTful APIs

**Web Applications/CMS** - AWS, Docker, WordPress, Drupal, Zen Cart, Magento, OpenCart

**Other** - GitLab, PHP Storm, Adobe Suite, Figma, Google Tag Manager, Optimizely

### **Education:**

**University of Phoenix** - Bachelors of Science in Information Technology

**Paradise Valley Community College** - Associates in Arts

### **Professional Experience:**

**Shmoop University, Scottsdale, AZ**

**Nov 2016 to Current**

**<http://www.shmoop.com/>**

#### **Senior Front End Software Engineer**

- Communicate closely with the Engineering team in an Agile method to finish all projects, tasks, and bugs with little scope creep.
- Build web pages, websites, web forms, and web-based applications using HTML5, jQuery, React, Redux, Node.js, SCSS, PHP, MySQL, JavaScript and various NPM modules based off of provided Figma designs.
- Practice TDD using React Testing Library and Jest tools.
- Advocate and implement Accessibility best practices based on WCAG 2.\* AA documentation.
- Implement and maintain front end tooling and package management (Webpack, NPM, Gulp, etc).
- Develop and maintain multiple custom microservices for internal CMSs and external user-facing applications.
- Test and configure developed pages and applications for compatibility across all available web browsers.
- Write descriptive and helpful technical documentation based on the company's code base.
- Configure CI/CD scripts in the pipeline to keep releases clean and occurring more often.
- Build and maintain RESTful APIs using Node.js and/or PHP.
- Write and run SQL queries for debugging the back end or altering local databases.
- Mentor and delegate tickets or tasks to junior Engineers.
- Code review or pair code with fellow Engineers to better improve code efficiency as a team.

**DW Green Tempe, AZ**

**Oct 2014 to Nov 2016**

**<http://www.dwgreen.com/>**

#### **Web Developer**

- Communicate closely with Web Designers and clients to get business requirements and follow SDLC method to finish projects with little scope creep.
- Build web pages, websites, web forms, and web-based applications using HTML5, jQuery, CSS3, PHP, SQL, AJAX, and JavaScript based off of Adobe Photoshop or Illustrator files created by Web Designers.
- Maintain website health and modifications.
- Develop and maintain WordPress, Drupal and E-Commerce Sites.
- Test and configure developed websites for compatibility across all available web browsers.
- Utilized 3<sup>rd</sup> party APIs such as Google Analytics, Ebay, and Twilio in order to seemingly integrate requested functionalities into client web applications.
- Set up HTML email blasts to send from the Web Server to the client's customers.

**Clifford Web Design**  
<http://cliffordwebdesign.com>

**Aug 2015 to Current**

**Owner**

- Contract with local business owners to design, prototype, and build websites.
- Install and configure Wordpress, Drupal, and out of the box e-commerce solutions.
- Create custom Wordpress plugins.
- Build custom business web applications and forms using React and Next.js.
- Utilize PHP to connect ecommerce carts to various payment portal providers such as PayPal and Authorize.net.
- Configure and customize MySQL databases for Wordpress or ecommerce solutions.

**MMA Systems Chandler, AZ**  
<http://www.mmasystems.net/>

**Jan 2013 to Oct 2014**

**Web Developer**

- Communicate closely with clients to get business requirements and follow SDLC method to finish projects with no scope creep.
- Design and build web pages, websites, web forms, and web based applications using HTML5, jQuery, CSS3, PHP, SQL, AJAX, and JavaScript.
- Maintain website health and modifications.
- Develop and maintain WordPress, Drupal and E-Commerce Sites.
- Test and configure developed websites for compatibility across all available web browsers.
- Utilized 3<sup>rd</sup> party API GFI Max Remote, created VBScripts for password complexity and info security, created a web based CRM for logging and billing.

**SEO Specialist**

- Utilize White Hat Search Engine Optimization to gain website visits and Google Page Rank.
- Work closely with clients to discover proper keywords for new and existing websites.
- Edit website meta-tags and content for general and e-commerce sites.
- Build blogs, write articles, and join forums to gain proper backlinks in order to improve SERP position for certain keywords.
- Track SEO results with Google Analytics and SEO tool

**Phoenix Elementary School District #1 Phoenix, AZ**  
**Help Desk Technician**

**Aug 2012 to Jan 2013**

- Provide technical software, hardware and network problem resolution to all district users by performing question/problem diagnosis and guiding users through step-by-step solutions in a call center environment.
- Clearly communicate technical solutions in a user-friendly, professional manner.
- Provide one-on-one end-user training as needed.
- assist Network Technicians.
- Troubleshoot network printer problems.
- Pass more complex end-user problems on to Network Technicians.
- Conduct hardware and software inventory database maintenance and reporting.
- Perform related work as required.