

## PROFESSIONAL SUMMARY

- **Over 10 Years** of experience as a **Full Stack Web Developer** in all phases of Software Development Life Cycle (SDLC) including Client Interaction, Requirements Analysis, Application Software Design, Object Oriented Design, Database design, Documentation, Development, Debugging, Testing and Deployment.
- **4+ Years** of Experience on **modern front-end frameworks** like **AngularJS** with **Bootstrap, jQuery, UnderscoreJS, Lodash, Moment, UI Bootstrap** etc to develop **Single-Page Applications (SPAs)**.
- Extensively used **npm** (nodeJs package manager) and **bower** as package manager along with **Grunt** and **Gulp** JavaScript Task Runner. Experience of **Yeoman** as standard scaffolding toolkit.
- Worked on **Apache Solr – NoSQL** search platform integration to improve user search experience.
- Developed **hybrid mobile (Android/iOS) application** with **Ionic open source mobile SDK** and **AngularJS**.
- Proficient in **LAMP** (Linux, Apache, **MySQL**, **PHP**) stack, also worked with **WAMP** stack.
- Good knowledge and working experience of Internet technologies in **Web/UI** development including **JavaScript, Ajax, JSON, jQuery, Lodash, HTML5/XHTML, DHTML, CSS3, XML, Twitter Bootstrap**.
- Good knowledge of Content Management System (CMS) - **Joomla, Drupal, WordPress** driven web applications.
- Experience in **UNIX shell scripts** for quick **deployment** and other **scheduled tasks** to maintain SQL/NoSQL data.
- Experience in **SSO (Single sign-on)** with **Auth0** API to connect and to login via social accounts.
- Experience in relational **database design**, SQL queries and Stored Procedures.
- Expertise in using various SDLC models like Waterfall, **Agile Scrum** process with **Sprint** planning.
- Excellent skills in building professional **E-commerce, Community, Biz Directory, Real Estate, Job** portals.
- Extensively worked on **cross-browser and cross-platform** compatible solutions with **responsive web design**.
- Experience with **deploying and configuring** web based application to Apache Web Server.
- Proficient with **Tortoise SVN** and **GIT with Git Flow** as version management tool.
- Hands on knowledge of **Docker** with **Docker compose** configuration.
- Hands on experience of **Angular 2/4** via Angular **Cli** with **RxJS** (Reactive Extensions Library).
- Basic Knowledge of **ES6** and **Typescript** with compilers like **Babel**, Traceur and linting tools like **eslint, tslint**.
- Hands on experience of **MEAN** stack with **mLab** (MongoDB - Database-as-a-Service) and ExpressJs RESTFul APIs.
- Experience of **hosting** web portals on Google **Firebase, Heroku, GitHub Pages** and **AWS S3 bucket**.
- Hands on experience of **ReactJs** with **JSX** and **Webpack** module bundler.
- **Self-starter** and able to work independently, but highly motivated team member with good communications skills.

## TECHNICAL SKILLS

Operating Systems	Windows, <b>Ubuntu, CentOS 7</b> , Fedora Core 6
Language/Technologies	PHP 5.x, <b>Javascript, Shell Scripting, JSON, XML, HTML5, CSS3, LESS CSS</b>
Frameworks	<b>Angular 1.x, Slim</b> , Zend, MVC, Bootstrap, <b>Ionic</b> , Apache Cordova
Libraries	<b>jQuery, Lodash, CURL, FFMPEG</b> , Zlib Compression, <b>GD/Imagemagick</b> lib
Web Server	Apache 2.2, IIS
Database	<b>MySql 5.7.x</b> , Oracle 9i, MS Access
Tools	<b>Visual Studio Code, Sublime text</b> , N++, Dreamweaver, Eclipse, <b>GIMP, Toad, SmartGit</b>
Third Party APIs	<ul style="list-style-type: none"><li>• Paypal, Authorize.net, Sagepay, Google checkout, 2Checkout etc. <b>payment gateways</b></li><li>• <b>Google</b> analytics, ads, mapping &amp; markers, indexing, calendar integration</li><li>• On-verify <b>phone verification</b> API, <b>reCAPTCHA</b> security image API</li><li>• Comet chat, phpLive Chat, V3 chat</li><li>• <b>UPS, USPS</b> shipping API</li><li>• <b>Recurly API</b> integration</li><li>• Facebook API integration</li><li>• <b>Auth0/OAuth2</b> API integration for SSO</li><li>• Atnail <b>Webmail</b> client integration</li></ul>

## EDUCATION

**Bachelor of Engineering** in Information & Technology

Gujarat University, India (2002 - 2006)

## PROFESSIONAL EXPERIENCE

### Xpand Corporation ([www.xpandcorp.com](http://www.xpandcorp.com)) - VA, USA Software Engineer

Mar 2013 - Till date

#### DIRECT SOURCE ([www.jobcentraldirect.com](http://www.jobcentraldirect.com))

Direct Source is platform for career centers to explore jobs and filter them based on specific criteria to help veteran job seekers find jobs. As a development team member, I worked to develop this product from scratch with BA and QA teams. I continue to work on it to make the product more useful by adding new features regularly.

#### Responsibilities

- Working in **agile/scrum** development environment with frequently changing requirements and actively participate in scrum meetings and reviews.
- Designed **MySQL database** required for different modules of application including user, messages, jobs, careers (o\*net), career centers, businesses, emails, logs and lookup etc.
- Used **AngularJS** with powerful Angular UI modules including **UI Bootstrap**, **UI Router**, **UI Grid**.
- Developed server side **REST** web services with **PHP Slim** framework.
- Integrated **Apache Solr search** for faster user search for jobs with large amount of data.
- Worked extensively to make the product responsive and mobile friendly using **Twitter bootstrap**.
- Used **LESS CSS** to generate dynamic and more flexible CSS.
- Integrated **Auth0** API for **SSO (Single sign-on)** to login via **Facebook**, **Google**, **LinkedIn** or **Twitter** accounts.
- Used **HTML5 local storage** instead of old standard cookies for **JSON Web Tokens (JWT)**.
- Extensively used **toast.js** library for user friendly web **notifications**, **moment.js** for date formatting, **lodash.js** as utility library for consistency, modularity, performance.
- Used **Sinon.js** with **Jasmine** framework to write basic **unit tests** using **Karma** test runner to verify modules.
- Used **JSHint**, a JavaScript code quality tool to detect errors and potential problems in JavaScript code.
- Extensively used **Grunt** as **task runner** to perform builds for deployment via **npm**.
- Wrote UNIX **shell scripts** for quick **deployment** and other **scheduled tasks**.
- Wrote various PHP **scripts** for database related tasks.
- Used **Git** for version control with **smartGit**. Created tags and branches as needed with **Git flow** best practices.
- Installed Solr and configured data import handler to import data from MySQL DB via **stored procedures**. Installed the **Solr PHP client** to query and retrieve data from Solr to **REST web services**.
- Wrote scripts to be run as daily **cron to import** data from MySQL to Solr and run solr indexing and backup processes.
- Used **IONIC** to implement basic **iOS/Android app** using same angular code base for better user experience.
- Implemented custom directives, services, controller and filters in AngularJS according to coding standards and best practices.
- Maintained **Htaccess** file to work with SPA and force domain level rules at portal.

#### VIRTUAL CAREER NETWORK ([www.vcn.org](http://www.vcn.org))

VCN is drupal based web portal used for career exploration and finding training tools for job seekers in healthcare, green energy and transportation industries.

#### Responsibilities

- Developed and maintained VCN web portal with **W3C** and **Section 508 compliance**.
- Designed and developed **custom modules** and **custom drupal theme**.
- Upgraded VCN theme to apply **Twitter bootstrap** CSS with LESS CSS.
- Applied Google **reCAPTCHA** plugin to secure the portal from spam users.
- Developed **cron** scripts to create **drupal contents from text files** as required.
- Used **jQuery dataTable** plugin to improve usability in displaying tabular data.
- **Migration** from legacy **Drupal 6 to Drupal 7**. Maintained **htaccess** file to manage site routes during migration.
- Worked on different features of sites like career management system (CMS) and College Credits (PLA), that can help user to save and track their progress to reach their goals.
- Developed **REST** based API for secure data management.
- Worked with **TortoiseSVN** to maintain version for history log and deployment.

**Environment/Technologies:** LAMP, PHP, MySQL, Zend, Slim, Angular, Twitter Bootstrap, JavaScript, jQuery, AJAX, UnderscoreJs/lodash, HTML/XHTML, DHTML, CSS, LESS CSS, CURL, XML, REST, npm, Grunt, Bower, Yeoman, Ionic, Git, Apache Cordova, Android SDK

Worked on different portals such as real estate, e-commerce, social, event management and job related using Joomla, Drupal and WordPress CMS.

### **Responsibilities**

- Worked with end users to define system requirements for designing and development.
- Gathered requirements from the clients and developed Software Requirements Specifications.
- Followed **agile** methodology during development.
- Database **design, development, deployment** and **maintenance** of website.
- Worked as an individual developer and also in a team of multiple developers.
- Used different **design patterns** in the code as necessary.
- Provided support for already implemented functionalities.
- Used **XML-RPC** so that site admin can automatically manage content of website by updating contents in Google docs.
- Wrote **Canadian GST/PST** tax module for **e-commerce** portal. Later, I converted that script as a separate program that was sold as a product for other clients using Joomla and Virtuemart based web shops.
- Configured and customized event booking portal with social bookmarking, **Google Analytics**, newsletter module using Drupal CMS.
- Integrated **Paypal, Google checkout, Authorize.net** and **Sagepay payment gateway** into portals.
- Designed and developed **AJAX** based **On-verify** phone verification plugin.
- Configured core feature to share single db for multiple sites/domain names with different UI interfaces and languages for **E-commerce** portal using **Joomla** CMS.
- Configured and customised **Drupal modules** to setup culinary website.
- Implemented and configured **cron jobs** for portals.
- Configured **.Htaccess** files for security, SEO friendly URL settings and different scripts like watermarking on specific folder of website.
- Worked on iJoomla iPhone app to create an interface and web services that enables communication between the iPhone app and a popular social network extension JomSocial that allows users to interact with their Joomla websites remotely.
- Worked as a team member to implement e-commerce **redSHOP** module for Joomla CMS.
- Used **SVN** as configuration manager and for easy code management
- Integrated **JUpload** library to upload product images and developed media manager.
- Used **FFMPEG** library to process HD videos on websites.
- Developed an innovative e-commerce "one deal at a time" portal with strong admin module to control product countdown and manage queue. Used jQuery product slideshows, PayPal payment gateway & USPS shipping module.
- Used **jQuery** framework for javascript validations, visual effects, to create UI tabs and for image upload.
- Implemented **jQuery Ajax pagination** to display user listing.

**Environment/Technologies:** LAMP/WAMP, PHP5, MySQL, CMS (joomla/drupal), Bootstrap, JavaScript, jQuery, AJAX, HTML/XHTML, DHTML, CSS, LESS CSS, CURL, XML, REST, XML-RPC, GD lib, SVN, ImageMagick Lib, SOAP, WSDL, E-conomic accounting API, Jupload, Cron, FFMPEG

### **References**

#### **James Acquah**

James is COO at Xpand Corporation. I have been working with him for over 5 years. He has been my direct supervisor for over a year.

#### **Chris Casad**

Worked together with Chris for over 4 years at Xpand Corporation. He was my direct supervisor and the Technical Lead/Manager.

#### **Amit Deshmukh**

Worked with Amit for over 5 years at Xpand Corporation. He was one of the developers on my team.

#### **Ankit Dave**

Worked together with Ankit for over 6 years at Tailored Solutions. He was my direct supervisor and the Managing Director.