


# KAMRAN SHAHZAD

Sr. Software Solution Architect

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 21 July 1980  
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## Summary

[ Write modular, scalable and testable code, which comply with future standards. Possess ability to deliver valuable products from inception to completion. Contribute to open source community. Curious about new technologies and eager to learn, adapt and implement.]

## Specialties

### PHP:

- Procedural, OOPs and Design Patterns
- Frameworks (Symfony, Laravel)
- CMS (Drupal, Wordpress)
- Doctrine ORM

### Python:

- Django, Flask

### JavaScript:

- VanillaJS and JQuery
- NodeJS (ExpressJS, Meteor, Web Sockets)
- CoffeeScript/ES6
- AngularJS and BackboneJS
- Build Tools (Grunt, Gulp)
- Test Tools (Mocha, Jasmine)

### HTML/CSS:

- HTML5, CSS/CSS3, SASS ,Less

### Databases:

- MySQL, PostgreSQL, MongoDB

#### Caching:

- Memcached, Redis

#### Services/SVN:

- Ajax, JSON/XML, REST API, SOAP, Git, Jira
- Cloud Computing, Heroku, Amazon Web Services

#### Searches:

Elasticsearch, Apache Solr

#### Testing:

- Unit Testing, Continuous Integration

#### Dev Environment/Web Servers:

- Ubuntu, Ubuntu Server
- Shell Scripting & automated tasks, SSH
- Vagrant/Dockers
- Web Server Administration (Apache, NGINX)

## Experiences

### To Date

April 2015

### Freelancing/IT Consultancy

The future is component development. There is a huge space for better components in the market. So I have decided to build such component which will help users develop rapidly and make their life easier. I have successfully completed my first commercial component (you can find details of this component on my GitHub page).

[[HTML5](#), [Symfony2.x](#), [Django](#), [Drupal](#), [NodeJS](#), [ExpressJS](#), [AngularJS](#), [PostGreSql](#), [MongoDB](#), [Redis](#), [Apache Solr](#)]

### March 2015

June 2014

### Cogilent Soltions/BrightSpyre

(Development Lead)

Developed two complete products. Made efficient searching algorithms & implemented Solr search. Complex data mining using Python. Write automated tasks on Linux environment. Write testable code with refactoring techniques. Create RESTful API Server/Client. Write JavaScript code in Coffee script. Team management Using agile methodology with Jira (Scrum boards). Manage team using Jira sprints. Using cloud server to deploy, excellent experience with Amazon web Services.

## Project highlights

- Passbook: This project has two ends, first one is WordPress plugin (REST Client), other one is written in Symfony2(REST Server).
- Employees Directory: This project has two parts both are integrated with Web Services, first one is written in Symfony2/AngularJS (Web App), other one is written in python for phone call exchanges (Linux based).
- BrightSpyre Data Mining: This project is written in python(Django)/Apache Solr/BackboneJS. That is a wrapper app (complex data mining algorithm) between DB(PostgreSQL) and brightspyre app. This solves candidate searching issues and made searching fast and flexible based on custom criteria.

[HTML5, Symfony, Django, NodeJS, ExpressJS, AngularJS, PostgreSQL, MongoDB, Redis, Apache Solr]

**May 2014**

January 2013

## Freelancing

During my freelance work period I utilized my code repositories and developed some open source components. Following are some project highlights.

- PTC Clicking Ads: Build Ad clicking web app written in Symfony2/AngularJS.
- Dev Helper: I always wanted to manage/searching useful developer assets like code snippets, links, files etc. in efficient way. So I wrote an application which makes this tasks easy. This app is written in Laravel(REST), NodeJS(expressJS) and MongoDB.

[HTML5, Symfony2.x, Django, NodeJS, ExpressJS, AngularJS, POSTGre, MongoDB, Redis]

**December 2012**

April 2007

## Medialinkers

(Senior Web Developer/Team Lead)

Developed multiple projects using Core PHP. During my tenure I started working in open source frameworks like drupal-6, Symfony1.x, Zend framework. Build lot of projects using Drupal. Write reusable code using design patterns. Also worked in Flash to develop interactive applications using ActionScript (AS 2.0 and 3.0). Convert PSD to HTML (div based publishing). Optimized & compressed web assets (images, CSS and JS files etc.) for web page performance. Validate HTML/CSS using W3c validator. Solve cross browser issues (IE6/IE7 hell). Maintain legacy code. Create UI components using JavaScript/CSS. Job duties also included requirements gathering & designing of project flow. I manage & mentor team of developers and designers.

[PHP, Drupal6.x, Symfony1.x, Zend framework1.x, HTML/CSS, JavaScript, AS2/AS3.0]

**March 2007**

June 2005

## CIT(College of information technology)

(Trainer)

I deliver training to professional or non-professional developer's technologies including JavaScript, PHP, Flash ActionScript.

# Studies

**May 2005**  
January 2001

BS(Computer Sciences)  
Allama Iqbal Open University, Islamabad