

HANS WANG

ABOUT

Senior Software Engineer who is always humble and eager to learn. Innovative, motivated, detail focused and results oriented. Interested in Data mining, software architecture design and overall system wide heavy optimization & refactoring. Highly experienced in web related full-stack, including backend development (PHP JAVA Python), server host setup, DNS SSL nginx setting, DB schema design and Mysql Optimization, NoSQL, load balancing, speed optimization, web page design the HTML/CSS, UI/UX design with CSS3 & Javascript, SEO guru and JavaScript ninjas (bower, gulp, nodeJs). Native Mandarin speaker and dog person.

Contact

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Email

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Website

•www.hansw.me

Projects

•archive.hansw.me

GitHub

•github.com/hanswang

WORK EXPERIENCE

Feb 2015

Present

System Analyst Programmer

TPG.COM.AU Sydney, Australia

As senior developer on Sydney's dev team, working on internal back system layer business applications. Get touch with multiple projects while in exposure of various language such as scala/PHP/Java/Perl/Python/BPEL/javascript. Several key points are..

- *RESTful & SOAP webservice build up*
- *Multiple layers of system/applications setup & server managing & code development/testing/deployment*
- *New business solution technical scoping & POC/demo delivery with tight deadline*
- *Drupal code study and workshop organizer (version 7.39 & version 8.1)*

Jul 2014

Dec 2014

Lead Software Developer

YIJIEDAI.COM Shanghai, China

In charge of whole site maintainence and optimization. Lead the whole development team to complete the development tasks for both marketing and finance department. In the meanwhile, refactored and optimized the legacy code. Lastly, build the mobile site and web-based mobile android app using Phonegap and HTML. Several key points are,

- *Best Coding practice (Javascript, PHP)*
- *Interal Working Flow build up (Agile approach)*
- *RESTFul API build up*
- *PhoneGap & HTML5 mobile application.*

Feb 2012

Jul 2014

Software Engineer / Growth Ninja

FREELANCER.COM Limited SYDNEY, NSW

Daily Task as software engineer with Agile method, involving skills as PHP + MySql, Javascript MVC Framwork, HTML/HTML5, Redis I/O, Nginx. Research, implement and Analyze SEO strategy as Growth Hacker. Summary,

- *Data mining online classifier build (Python)*
- *Function code Development (Agile) for daily new tasks and growth hacking (PHP, Javascript) with numerous AB testing & tracking*
- *MVC framework development along with code refactoring and performance optimization.*

Jun 2011

Aug 2011

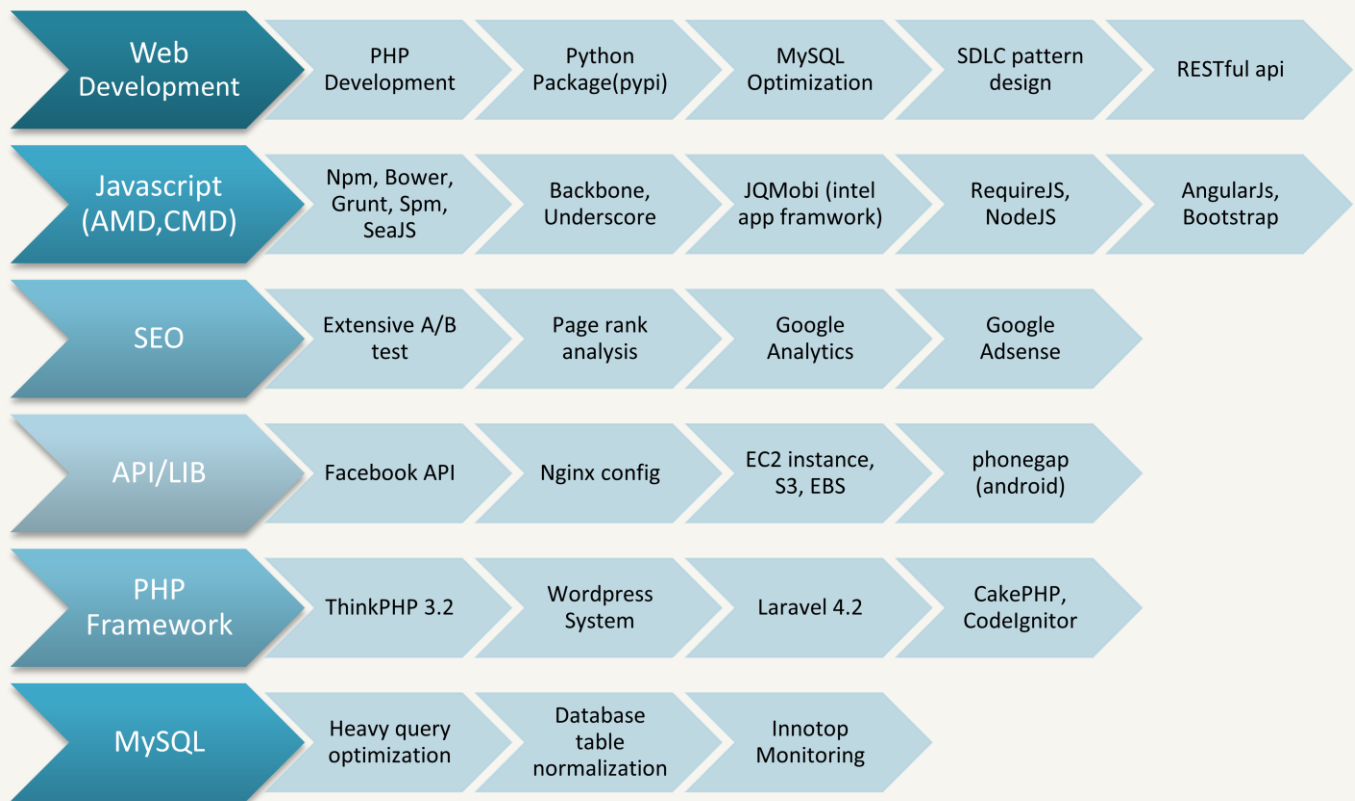
Research Assistants

Prof. Salil Kanhere in UNSW

HANS WANG

Software Engineer

SKILLS (EXPERIENCED IN)



EDUCATION



Bachelor of
Computer Science &
Engineering in
Xiamen University,
China

Jul 2005-Jul 2009

- 4years overall GPA 81+
- 1st Class Scholarship Reward
- Chairman of student union

Master of
Information
Technology in UNSW,
Australia

Jul 2009-Jul 2011

- GPA Average 80+ (Distinction)
- Major in Artificial Intelligence & Network
- Solo trader as independent Programmer

Past Project (Part I)

1. Worked on **NodeJs** request + cheerio + jade for geo-location logging book & web page info scrapping
2. Worked on **Drupal** (content management framework) to build customized site with customized theme and functionalities.
3. Worked on **ThinkPHP framework 3.2**. Thoroughly studied its structure and design techniques. Utilized its routing schema to build a RESTful api.
4. Build web-based **JQMobi mobile application**, and successfully migrate it into android app using **phonegap**.
5. **Built up personal websites on AWS instance**, experienced with AWS bundle services such as EBS, S3, Rounter53 and DNS. Configured own nginx server with Drupal site, Blog site and Photo Album.

Thoroughly studied Wordpress template system, deeply understood Bootstrap Template and Drupal plugin module schema.

Setup Google Analytics tracking for my site, and Google Adsense publishing account.

HANS WANG

Software Engineer

Past Project (Part II)

6. Worked on a self-project called **Facebook Graph**, using Facebook API to extensively explore friends' connectivity graph.
7. Familiar with **Python** module structure also **pip** package control tool. Commercial experience using Python as data mining tools.
8. Familiar with **Perl scripting**, helped educational agency worked on courses data scripting.
9. Worked on **Adaptive Video streaming** Project in final semester of Master Degree, and earned HD grades. It modified the open source code of VLC player under linux system. By using C++, it certified the target concept of auto adjusting video quality based on wireless bandwidth transmission rate. And for demonstrating accurate result data, a model using shell scripts and gnuplot was built to analog the data graph.
10. Extensively used **GIT** as CI procedure, **VIM** fan. Linux fan.
11. Familiar with the **Function-oriented language**, have practiced certain amount of programing in Scala, Objective-C, and Haskell.
12. Worked on an **Online Coupon System** for a commercial digital sales website as part time job during Master Degree. It used MsSQL+JSP+Ajax, contains admin panel, frontend, and database handling.

References

Available upon request