

HANS WANG

ABOUT

Senior Software Engineer who is always humble and eager to learn. Innovative, motivated, detail focused and results oriented. Interested in Frontend evolving technology, big data / data mining, software architecture design, legacy code refactoring and stats-proven system wide optimization. So far happily experienced in web related full-stack technologies, including frontend (React / Redux) dev, backend dev (PHP JAVA Python), server host build (vagrant Docker EC2), DNS manage, SSL manage, multiple cool nginx modules deployment, DB schema design and SQL query Optimization, NoSQL (Mongo Redis), ELK logging setup, load balancing (ALB ELB), speed optimization, web design with HTML / CSS, and SEO in general.

Native mandarin speaker and dog person.

Contact

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Website

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Projects

•archive.hansw.me

GitHub

•github.com/hanswang

WORK EXPERIENCE (I)

Nov 2016

Present

Full-stack Engineer / Frontend Focused

RoZetta Technology Sydney, Australia

Join big data startup as full-stack engineer focused on frontend. Worked on building new internal data platform, and in the meanwhile gaining professional experience on all the famous tools in big data fields, e.g. Hadoop, Hive, Spark. Keynotes summary,

- *React / Redux in webpack & npm setup for both dev/prod env and optimized*
- *Python MVC of Django (wagtail)*
- *AWS cloudformation of building cloud stack*
- *AWS in general (ec2, ecr, s3, RDS, Beanstalk)*
- *Dockerize production / development envs*
- *Hadoop, Hive, Spark*
- *Jupyter notebook*
- *Databricks*

Feb 2015

Nov 2016

System Analyst Programmer

TPG.COM.AU Sydney, Australia

As senior developer on Sydney's dev team, working on building business flow with both new & existing products, being exposure to vast range of development environment, including languages as scala / PHP / Java / Perl / Python / BPEL / javascript / CSS. Key summary,

- *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 new layout built for improvement of UI/UX*

Jul 2014

Dec 2014

Lead Software Developer

YIJIEDAI.COM Shanghai, China

As lead, in charge of whole site development work by maintaining / refactoring legacy beast as well as building new functionalities. Lead the development team to work in TDD env and code effectively and efficiently. Also built the mobile site and web-based mobile android app using Phonegap and HTML. Several key points are,

- *Best Coding practice (Javascript, PHP)*
- *Internal Working Flow build up (TDD & Agile)*
- *RESTful API build up*
- *PhoneGap & HTML5 mobile application.*

HANS WANG

Software Engineer

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

WORK EXPERIENCE (II)

Feb 2012

Jul 2014

Software Engineer / Growth Ninja

FREELANCER.COM Limited SYDNEY, NSW

Software engineer working in agile env, core contributing skills are PHP, MySQL, RequireJS, Backbone, HTML/CSS, Redis, Nginx & SEO. Achievements summary,

- *Realtime big data online classifier tool build (Python)*
- *AB testing with GA tracking stats analyze report*
- *MVC framework development along with code refactoring and performance optimization.*
- *AWS development & production environments*

Jun 2011

Aug 2011

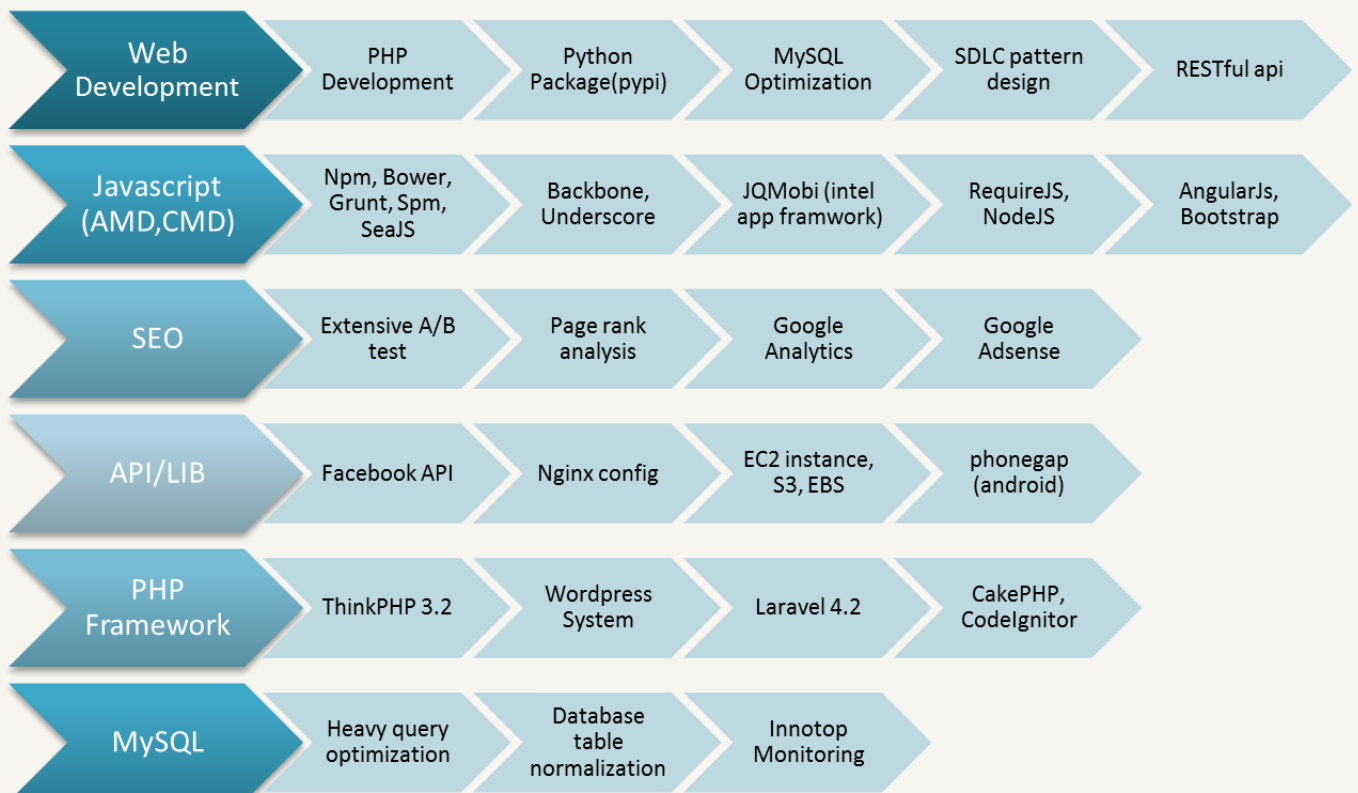
Research Assistants

Prof. Salil Kanhere in UNSW

References

Available upon request

SKILL SET



HANS WANG

Software Engineer

Past Project

1. Created **Docker LEMP stack** env for fast bootstrap of portable PHP development & production ENV
2. Worked on **NodeJs** request + cheerio + jade for geo-location logging book & web page info scrapping
3. Worked on **Drupal** (content management framework) to build customized site with customized theme and functionalities.
4. Worked on **ThinkPHP framework 3.2**. Thoroughly studied its structure and design techniques. Utilized its routing schema to build a RESTful api.
5. Build web-based **JQMobi mobile application**, and successfully migrate it into android app using **phonegap**.
6. **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.
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.