

Michael Yin

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Career Profile

Versatile and enthusiastic Software Engineer. Obsessed with programming and new technologies. 7+ years experience in **scalable web service development** and **online advertising technologies**. Familiar with **Agile** environment and **Cloud architecture**. A **Full-Stack technologist** is looking for a suitable position with an ambitious and exciting company.

Key Skills

- Proficiency in **JavaScript/Python/PHP/C#/Java/Erlang** programming and database design
- Familiar with **Node.JS, Angular.JS, React.JS, responsive design** and **Unit Testing**
- Extensive experience in **Scalable web service development** and **Project automation**
- Experience in **NoSQL, MySQL, Linux, Apache, Nginx, Dorker, Visual Studio, Eclipse, Git** and **Jenkins**
- Experience in **cloud technology** such as **AWS, Aliyun, GAE**
- **Quick learner** and **strong problem solving** skills

Experience

Sheng Rong Hui Jin Information Technology, Beijing, China

June 2014 — April 2015

Independent Contractor

Responsibilities

- designed and implemented a scanning software for commercial bank clients
- developed a Windows Client by using C#. This Client supports TWAIN driver, WIA driver, automatic upgrades, batch scanning, image processing, local preview and audit, FTP upload and offline upload. By applying Aforge.NET technology, the image processing achieved de-noising, sharpening and deskewing functions
- developed server side web services by using PHP CodeIgniter framework, it deploys on SUSE Linux and supports dynamic watermarks for printing and viewing. The entire framework achieved "Role-Based" access control. The document online viewing function has been completed by using Flash FlexPaper

Achievements

- developed deployment scripts by using Python and Node.js, deploy time was reduced by 90%

adSage, Beijing, China

April 2010 — June 2014

Research Development Manager / Team Lead / Developer

Responsibilities

- **Research Development Manager (2012-2014)**
managed three teams: Front-End team of 5 members, Game Distribution Team of 3 members and Mobile Application Distribution Team of 5 members
- **Team Lead (2011)**
designed architecture and database structures of adSage Affiliate and adSage UserCenter. Developed a reporting module for adSage Affiliate by using C#, JQuery, Datatables.net and HighCharts, parts of restful API of UserCenter by using PHP, Redis and MySQL, WCF client for UserCenter
- **Developer (2010)**
participated in development of a high performance, distributed advertising delivery engine which can optimize the style of online advertisements for other networks, by using Erlang, MySQL and Redis

Achievements

- won the title of Best Employee in 2011
- led Mobile Application Distribution Team got CEO Special Award in 2013

- designed and implemented scalable and distributed advertising delivery engine, its performance reached to 3K QPS on a single machine
- restructured Chunzhen IP database, as a result, performance of IP retrieval reaches 6W QPS on a single machine
- designed and implemented virtualization deployment tool for testing team, saved hundreds of hours for testing adSage tracking scripts
- designed new architecture for mobile SDK. As a result, Front-ends' work load was reduced by 70% and native developers' work load was reduced by 50%
- designed and implemented version switch tool for web applications, which resulted in an 80% reduction to deploying

Microsoft Research Asia, Beijing, China

January 2009 — December 2009

Intern Developer of Search Technology Center

Responsibilities

- developed a Windows form tool for fixing the location of top queries for Bing Map by using C#, JavaScript and SQL Server. All top queries in Chinese language had been fixed by using this tool
- developed a prototype data-mining tool for Bing Map on Chinese addresses for exploiting new point-of-interests

Achievements

- implemented a hybrid windows/web map SDK, the speed of fixing top queries was accelerated by 50%
- due to my exceptional punctuality, hard working and highly self-motivation, I received numerous senior developers' and manager's commendations

Open Source Projects

WeBuyer (Node.js) Purchasing agent software, sails framework, angular.js

FiddlerCache (C#) Cache management plugin for Fiddler

Hostprofiles (C# for windows and Linux) Manage your hosts file for multiple versions

PListEditor (C#) Property List file (.plist) editor for windows

EasyXSpider (C++, Linux) A small spider in Linux, including spider, indexing, CGI query and PageRank demonstration

ShootSearch (C#) An open source search engine contains Spiders, Chinese language segment, Processor, Index & Search

Auto Update Module (VB6) A general automatic update module for VB 6.0

NetSpeedCar (VB6) Multiple tabs web browser like Chrome, but based on IE

Highlight

- <https://github.com/shootsoft>
- Create Shoot Sun Studio www.shootsoft.net in 2001 and released **NetSpeedCar**
- *China Computer Education* Issue No.35 2003 introduced NetSpeedCar
- To get more information about my work, please google "**shootsoft**"

Education

2010 Master's Degree in Software Engineering

School of Software and Microelectronics, Peking University

2007 Bachelor's Degree in Software Engineering

North China Electric Power University

Referees

Details can be provided on request