WEI YE (WAYNE)

FULL STACK DEVELOPER/TECH LEAD

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Birthday: October 3rd, 1982
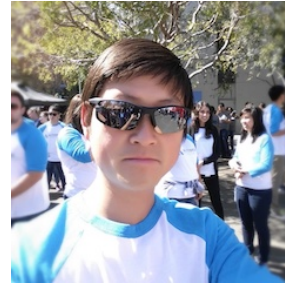
Biography

Veteran full stack engineer/technical lead, certified AWS Solutions Architect, CodeProject MVP, over 16 years' solid experience in a wide range of programming languages/platforms including in C# (ASP.NET), Python (Django/Flask), JavaScript/Nodejs, Ruby (RoR), team player, hard problem solver, with strong expertise and passion in delivering highly available, scalable web/cloud services.

Highlights

▶ AWS Certified Solutions Architect - Associate

▶ Author of <Instant Cucumber BDD How-To> (Kindle Version, Google Books)

▶ CodeProject MVP.

▶ First prize winner in CodeProject HTML5 & CSS3 Competition, the award is an Ipad 2.

Experience

Autodesk (San Francisco)
Principle Engineer/Technical Lead

Jan 2015 - Now

Lead a small development team and built Autodesk Health Dashboard: https://health.autodesk.com from scratch, the external page is the healthy information center for all Autodesk customers around the world; internally, my team built an easy to use, fully customizable yet powerful synthetics monitoring platform which serves 100+ internal teams, running 1000+ monitoring checks, products/micro services, using a variety of technologies: Python/Django/Flask, Nodejs, react, Redis and InfluxDB, it runs on AWS (ec2/lambda/Aurora/elasticache/cloudfront, etc).

Autodesk (Singapore)
Technical Lead

May 2013 - Dec 2014

Lead a small development team and built Autodesk Developer Platform: https://developer.autodesk.com, it is a big part of the Autodesk Forge Platform which provided a centrilized website for Autodesk developers around the world, technical stacks including Python, Django/Flask, nodejs, C#, MongoDB/Cassandra, Docker, Mesos, ZooKeeper, etc.

ThoughtWorks Shanghai
Software Consultant

May 2012 - Apr 2013

Core Developer of ThoughtWorks China Cloud platform based on OpenStack.

Core Developer of [Diamond Subscription website of Real estate Australia](#), built with Ruby on Rails.

▶ Server side architecture refactoring, module decoupling, significantly improved readability and maintainability.

▶ Improved client page loading performance by leveraging CDN and fingerprint for static files, the average loading time reduced 40%.

SAP Labs Shanghai
Tech Lead

Dec 2011 - Apr 2012

Led a frontend team which prototyped HTML5 client of [SAP Business One®](#) OnDemand Control Center.

▶ Designed JavaScript architecture and built up core framework.

▶ Defined/implemented RESTful OData web APIs based on WCF.

Hewlett-Packard (PSG - Consumer Experience)
Senior Software Design Engineer/Tech Lead

Mar 2009 - Dec 2011

As a tech lead, I led a development team in Shanghai cooperated with US team on delivering several HP Software Products[HP Total Care Advisor®](#), [HP Customer Experience Enhancement](#).

Beyondsoft (Onsite to Microsoft)
Senior Software Engineer

Jan 2008 - Feb 2009

Worked onsite in Microsoft Redmond Campus on several projects: WM Captaris, MSN Video Catalog Editorial Tool and Visual Studio 2010 MSDN Help Viewer.

Shanghai-Digital Information Technology Co., Ltd
ASP/ASP.NET Web Developer

Jul 2005 - Nov 2007

Developed several web projects for kintera, including: [Import Center](#), Transaction Platform, Financial Link and [Single Gift Entry](#), using technologies including C#, ASP.NET, Ajax, etc.

Motto

No pains, no gains.

Success is 99% Failure.

If you aren't proud of it, it isn't good enough.

High cohesion, lose coupling.

Hobby

Traveling, computer hardware, electronics, driving, coding, writing technical articles/blogs.

Education

Wuhan Jianghan University (2001 - 2005)
Computer Science & Technology