WEI YE (WAYNE)

*FULL STACK DEVELOPER/TECH LEAD*

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Constellation: Libra

*Biography* Veteran full stack engineer/technical lead, certified AWS Solutions Architect, CodeProject MVP, over 17 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](https://www.certmetrics.com/amazon/public/badge.aspx?i=1&t=c&d=2017-06-16&ci=AWS00280385)

Author of [<Instant Cucumber BDD How-To> (](http://www.packtpub.com/cucumber-behaviour-driven-development/book) [Kindle Version,](http://www.amazon.com/Instant-Cucumber-BDD-How-Wayne-ebook/dp/B00CIT30YE) [Google Books )](http://books.google.com.sg/books?id=gkYY-bnuRGwC&dq=Instant+Cucumber+BDD+How_to&source=gbs_navlinks_s) [CodeProject MVP.](http://www.codeproject.com/script/Awards/MVPWinners.aspx)

First prize winner in [CodeProject HTML5 & CSS3 Competition,](http://www.codeproject.com/script/Awards/Winners.aspx?obtid=2&cmpTpId=3&cid=494) the award was an Ipad 2.

*Experience* Sisu Data

Staff Software Engineer

Oct 2021 - Now

Helping Sisu builing industrial leading decision making engine based on KDA (Key Driver Analysis). I worked with PMs, engineering leads in designing/developing service architecture, RESTful APIs, and AWS infra. Using technologies: Python, Rust, Docker/Kubernetes, Snowflake, React.

Autodesk (San Francisco)

Principle Engineer/Technical Lead

Jan 2015 - Oct 2021

Led a development team and built the [Autodesk Health Dashboard from](https://health.autodesk.com/) scratch, it is the centralized health platform for Autodesk customers around the globe for real time services status/maintenance schedule updates, it monitors 300+ products/micro services, built for accuracy, elesticity and scalability, core technologies including: Python+Django+Flask, React, it runs 100% on AWS (ECS/Lambda

2000+/Aurora/Elasticache(Redis)/DynamoDB/CloudFront, etc).

Other projects I worked on: [Autodesk Drive,](https://drive.autodesk.com/) [Autodesk Forge,](https://forge.autodesk.com/) [Autodesk Accounts](https://accounts.autodesk.com/)

Autodesk (Singapore)

Technical Lead

May 2013 - Dec 2014



Led a development team and built [Autodesk Developer Platform,](https://forge.autodesk.com/) it provids a SaaS development portal for Autodesk developers around the globe, technical stacks including Python+Django, 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,](http://agent.realestate.com.au/product/category/subscriptions/) built with

Ruby on Rails.

Server side architecture re-design, delivered proven improved resiliency, maintainability and scalability. 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](http://www.youtube.com/watch?v=CciipM5ttsc)

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:](http://h10025.www1.hp.com/ewfrf/wc/document?docname=c02604915&cc=us&dlc=en&lc=en&jumpid=reg_R1002_USEN) [HP Total Care Advisor®,](http://www8.hp.com/us/en/support-drivers/total-care/hp-advisor.html?_sm_au_=iVVqvRFSZ0S630Hr) 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,](http://www.kintera.org/site/pp.asp?c=gqLRI0ODKpF&b=2455257) Transaction Platform, Financial Link and [Single Gift Entry,](http://www.kintera.org/site/pp.asp?c=gqLRI0ODKpF&b=2455275) 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