# WEI YE (WAYNE)

*FULL STACK DEVELOPER/TECH LEAD*

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Constellation: Libra

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## 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.

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## 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 was an Ipad 2.

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## 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.

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### Autodesk (San Francisco)
Principle Engineer/Technical Lead
*Jan 2015 - Oct 2021*

Led a development team and built the Autodesk Health Dashboard from 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, Autodesk Forge, Autodesk Accounts

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### Autodesk (Singapore)
Technical Lead
*May 2013 - Dec 2014*

Led a development team and built Autodesk Developer Platform, 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](), 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 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