WEI YE (WAYNE) 

*FULL STACK/STAFF SOFTWARE ENGINEER*

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Constellation: Libra

*Biography* Veteran full stack engineer/technical lead, certified AWS Solutions Architect,CodeProject MVP, over 18 years' solid experience in a wide range of programming languages/platforms including in C# (ASP.NET), Python (Django/Flask), JavaScript/TypeScript, Ruby (RoR), team player and 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 in year 2011, the award was an iPad 2. PSIA Certified Ski instructor (Alpine Level 1)

*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 closly with senior/staff engineers in designing service architecture and technical solution.

Administrate Sisu infrastructure on both AWS and GCP, achieved higher availability and 40% cost reduction within 6 months.

Key technologies: Python, Rust, TypeScript, Kubernetes (EKS/GKE), Snowflake, CircleCI.

Autodesk (San Francisco) Principle Engineer/Technical Lead

Jan 2015 - Oct 2021

Designed/co-founded Autodesk Health Dashboard, it is the centralized health platform for Autodesk customers around the globe for real time services status/maintenance schedule updates, it also monitors 500+ Autodesk products/micro services, built for real-time accurate detecting, alerting, fully elestic and scalable.

Full-stack engineer (working with PM, designer) for Autodesk Drive and Autodesk Forge, Autodesk Accounts

Key technologies including: Python+Django+Flask, React, AWS ECS/Lambda/Aurora/Elasticache(Redis)/DynamoDB/CloudFront, etc.

Autodesk (Singapore)

Technical Lead

May 2013 - Dec 2014

Led a development team and built Autodesk Developer Platform from scratch, 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 engineer team which was responsible to build the HTML5 + JavaScript web 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) Onside Software Engineer

Jan 2008 - Feb 2009

Worked onsite in Microsoft Redmond Campus for 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.

*Education* Wuhan JiangHan University (2001 - 2005) Bachelor Degree, Computer Science and Technology