BAOHUA YANG

Contact Info

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More About Me

Homepage: yeasy.github.io

Projects: github.com/yeasy

TECHNICAL SKILL

Solution architect, technical consultant and open-source developer; Chief scientist on Fintech and Cloud computing ; TPC of numbers of top-quality conferences and journals.

- Extensive knowledge on architecture and solution design, e.g., Fintech, Cloud and BigData.
- Core developers to open-sources projects, e.g., Hyperledger, OpenStack and OpenDaylight.
- Familiar with distributed system protocols and implementation, e.g., Spark, Kubernetes.

BACKGROUND

Aug 2017 ∼ Present	Oracle	Principal Architect
Aug 2017 ∼ Present	Hyperledger	TSC Member
Dec 2016 ∼ Present	Hyperledger	TWGC Co-Chair
Jan 2013 ∼ Aug 2017	IBM	Researcher, Chief Consultant
Sep 2010 ∼ Sep 2011	UC Berkeley	Visiting Researcher
Aug 2003 ∼ Jan 2013	Tsinghua University	B.E./M.E./Ph.D.

PROJECTS

Principal Architect	Blockchain Production and Solution	Aug 2017 ∼

Leading the Blockchain development team to design and implement next-generation Blockchain solutions for enterprise customers.

Chief Architect	Blockchain Product	Jan 2017 ∼ July 2017

Instruct the architect and solution design, and solve key problems from business to technologies.

Architect	Container Cloud Solution	Jan 2017 ∼ July 2017

Solution design, solve key technical problems in networking and platform, main techniques include Docker, Kubernetes and Calico.

Chief Architect	Blockchain Service Platform	Jan 2016 ∼ Dec 2016

Design the architecture, develop the core platform, and deploy the platform into several Clouds.

Lead Architect	Watson Health Cloud Platform	Jan 2015 ∼ Oct 2016

Design the architecture, and the integration solution on Softlayer Datacenters, main techniques include networking, services, data analysis, etc.

Lead Architect & Chief Engineer	High-performance Cloud	Jan 2015 ∼ June 2016

Design and deploy the network related services for IBM Cloud, main techniques including OpenStack, ELK Stack, Vyatta, etc.

Lead Architect & Chief Engineer	POWER Tech Cloud	Jan 2015 ∼ June 2016

Design and implement the access solution for IBM POWER Cloud, main techniques including Softlayer Datacenter, OpenStack, VPN, Vyatta, etc.

Architect & PM	Network Data Analysis Solution	Jan 2015 ∼ Dec 2015

Design and implement the analysis solution for large-scale network, main techniques including traffic sniffer techniques, ELK Stack, etc.

Researcher & Chief Engineer   Enterprise Mobile Cloud Platform   Aug 2014 ~ July 2015
Design the architecture, implement the backend message exchanging system, main techniques including coroutine programming, database, MQTT protocol, etc.

Researcher & Core Engineer   SDN-VE product   Jan 2013 ~ July 2014
SDN-VE is the flagship product in SDN. Design and develop the service chaining component, mainly including SDN, OpenDaylight, and Java programming with OSGI.

SELECTED HONOR

IBM Ph.D. Fellowship Awards	IBM	2011	9 winners in Greater China
First Class Scholarship	Tsinghua Univ.	2006, 2009, 2011	Top 5%

INVITED SPEAK

- Blockchain to Distributed Ledger, BigData Tech Conf., Dec 2017, Beijing
- Hyperledger Tech Dev and Community in China, Hyperledger Summit., Nov 2017, Singapore
- Blockchain Challenges, Opportunities and Future, China Database Conf., Oct 2017, Hangzhou
- Hyperledger Project and Community, Linux Con., June 2017, Beijing
- Hyperledger Cello Design and Roadmap, Hyperledger Hackfest., June 2017, Beijing
- Hyperledger Fabric Architecture and Development, QCon., April 2017, Beijing
- Design Efficient Blockchain Service Platform, Python Con., Oct 2016, Beijing
- Key technologies in Blockchain, Technical seminar, July 2016, Beijing
- Blockchain and Hyperledger, Hyperledger Meetup, June 2016, Beijing
- Optimizing and Extending Overlay Networking for Containers, OpenStack Summit, Oct 2015, Tokyo
- Employing Docker into Devops, Bluemix and CloudFoundry Meetup, July 2015, Beijing

TECHNICAL BOOKS

- Blockchain: Principal, Design and Application, China Machine Press, Sep 2017
- Hyperledger Fabric Code Analysis, open-sourced, May 2016
- Blockchain Technical Guide, open-sourced, Oct 2015
- Docker Container in Action, China Machine Press, Jan 2015
- Docker Container Practice, open-sourced, Aug 2014, 1,000,000+ reader
- OpenStack Neutron: Design and Architecture, open-sourced, Feb 2014, 1,00,000+ reader
- Mininet: Design and Implementation, open-sourced, Oct 2013, 1,00,000+ reader
- OpenStack Source Code Analysis: Kuryr, open-sourced, Nov 2015
- OpenStack Source Code Analysis: Magnum, open-sourced, June 2015
- OpenStack Source Code Analysis: Neutron, open-sourced, April 2014, 1,00,000+ reader
- OpenStack Source Code Analysis: Heat, open-sourced, Aug 2014