

LEI LI

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Name: *Lei Li (李雷)*

Location: *Shanghai*

Birth: *1986*

Job Status: *On Job*

Education: *Master of Engineering*

Work Experience: *12+ years of engineering*

Expected role: *Solution Architect*

Direction: *Cloud / DevOps / Kubernetes*



SUMMARY

- 12+ years' engineering experience in top China and global companies of Internet, e-commerce, new-media, and retails.
- Deep understanding of enterprise digital transformation, with solid experience on Cloud, DevOps, Kubernetes landing in traditional enterprise from scratch.
- Being proficient in cloud computing, DevOps, Kubernetes, software development and team management, from hands-on to architecture design.
- Cloud:
 - Deep understanding on enterprise digital transformation unto public clouds in best practice. As well as solid experiences on multi-cloud strategy, cloud governance, cloud billing, cost optimization and cooperation with cloud providers.
 - Deep understanding on AWS Cloud, certified as [AWS Certified Solutions Architect \(Professional\)](#), [AWS Certified Solutions Architect \(Associate\)](#), and [AWS Certified SysOps Administrator \(Associate\)](#). Experiences on achieving the enterprise-level AWS partner qualification.
 - Deep understanding on Ali-Cloud since 2013, certified as [AliCloud Certified Cloud Computing Engineer \(Professional\)](#).
 - Experiences on Tencent Cloud, Huawei Cloud and Azure CN Cloud (21vianet).
- DevOps:
 - Solid experience on [introducing DevOps to an enterprise from 0 to 1](#). Practical experience on building engineering efficiency platforms for an enterprise from scratch (GitLab, GitHub, Jira, Confluence, Nexus, Docker-Registries, ArgoCD, etc.).
 - Deep understanding both on principles and hands-on works of DevOps, practical experiences on achieving CI/CD as code and K8S containerization, under multi-clouds (AWS & Ali-Cloud), multi-teams and multi-deployment-environments scenarios.

- Solid experience on containerization for hundreds of micro-services with Kubernetes. As well as DevOps / SRE team management for various enterprise applications.
- Coding:
 - Being proficient in Python, with solid experience on development of intra-tools, data mining, integrations, API-services, parallel-processing, etc.
 - Experience on leading big-data platform secondary development of a Dev team.
 - Deep understanding on Orchestration & IaC (Infrastructure as Code), with practical experience on CI/CD as code (GitOps).
- Team leadership:
 - Task decomposition, cross-team collaboration, tech specification definition, recruitment & training, KPI assessments, team building, etc.
 - Experience on agile development, setting up Jira platform for product owner and scrum master, participation in sprint-planning, daily-standup, sprint-review meetings as engineering lead role.
- Languages: English ([CET-6](#), fluent) / Mandarin (native)

WORK EXPERIENCES

2021/05 - NOW

- Company: [Ingka Group, IKEA \(China\) Investment Co., Ltd.](#), Shanghai
- Department: *Cloud Center of Excellence - China Dept.*
- Position: *Sr. Engineer* (Solution Architect role)
- Tech-Stack: *AliCloud, K8s, CI/CD, SRE, Cloud Governance, Python*, etc.
- Responsibilities & achievements:
 - *Solution Architect*
 - From 0 to 1, design and land standard CN clouds on-boarding workflow and AliCloud best practice guidelines for Ingka Group. Navigate dozens of projects' AliCloud setup in the right way.
 - As virtual lead of cloud billing team established an automatic bill splitting workflow and modules from 0 to 1, apply to all Ingka CN cloud accounts.
 - As cloud architect and important participant, be responsible for China multi-cloud strategy and coordinating with multi cloud providers.
 - As an important participant, contribute to China digital disaster recovery project.
 - *Cloud Governance Platforms Developer*
 - Build centralized and distributed SSO solutions for Ingka AliCloud accounts, integrate them with Ingka cloud accounts CMDb (Cloud Portal).
 - Build centralized JumpServer solution for Ingka China, integrated with Ingka multi-cloud environments and security systems.
 - Build cloud identities scanning self-service, which generate automatic advisor report for various Ingka cloud accounts.

- As an important participant, contribute to Ingka China centralized ArgoCD service.
- *SRE Leader*
 - As leader of a small team, provides end-to-end AliCloud SRE/DevOps support to [LIVAT CN](#) B2B Dept.
 - For 5 projects on AliCloud, built complete and unified infrastructure change, system integration, infra monitoring, cost optimization and CI/CD supports.
 - Zero P0/P1 system failure since 2021.
- *others*
 - Newcomers recruiting and training, etc.
 - Achieve Ingka Digital Hub FY23 Star Team Award.
 - In spare time contribute to some open source projects: [kubernetes4sa](#) - An CI/CD action linking GitHub with your Kubernetes cluster, [aliyun/ossfs](#) - AliCloud official OSS fuse tool, [AIO](#) - generic debugging image for DevOps, etc.

2016/10 - 2021/05

- Company: [Oriental Pearl Group Co., Ltd.](#), Shanghai
- Department: *Cloud Computing Center (Academy)* - [Data Service Dept.](#)
- Position: *Sr. Mgr.* (Level-12)
- Tech-Stack: *AWS, AliCloud, K8s, CI/CD*, etc.
- Responsibilities & achievements:
 - As a team leader, [land the big-data platform onto AWS](#) from scratch. As well as achieve enterprise-level advanced APN qualification.
 - As a part of Digital Transformation, [introduce DevOps to this enterprise](#) from scratch. Build the enterprise-level DevOps chain (GitLab, Jira, Confluence, Nexus, Docker-Registry, GitLab-Runner, Apollo-Config-Server etc.). Define and optimize and spread DevOps workflow for several Dev teams.
 - Land several systems on Ali-Cloud and realize their containerization in K8s with end-to-end CI/CD automation.
 - Lead a small back-end Dev team, promote the transformation of micro-service. As well as lead a big-data platform team to achieve the tech standard of data gathering, construction of data lake, development of client-side SDK, achieving unified data lake for multiple subsidiaries in this enterprise.
 - Drive [open source](#) of partial general components of this enterprise.
 - As the Sr. Manager role, I am also responsible for the overall technical architecture designing, core module development, cross-teams technical communication, new technology research, tech specification landing, recruitment & training, task decomposition, KPI assessment of engineers and other related works.
 - Achievements: President Award of Oriental Pearl Group in 2018. [Science Progress Award](#) of China Television Technology Academy in 2019. Promotion from Sr. Engineer to Manager to Sr. Manager within 4 years in a traditional government-owned enterprise, all by personal working ability.

2014/09 - 2016/09

- Company: [Ink-flower High-Tech Information Technology Co. Ltd](#), Start-up, Suzhou
- Department: *Technology Dept.*
- Position: *Mgr.*
- Tech-Stack: *Python, C/C++, Qt, AliCloud*, etc.
- Responsibilities & achievements:
 - As a technical co-founder of a start-up team, I am responsible for the construction of R&D team, development of the software, software upgrading, [patent writing](#) and other technical works.
 - Achievements: Leading the technical team to accomplish software for casting-process simulation, ship designing simulation, environmental simulation, while the clients including Manufacturing R&D Enterprises, Ship Design Companies, University Research Unit, and outcome of sales reached more than 1 million CNY. Assisting the company to gain the Leading Project in Suzhou City, and the Mass Entrepreneurship and Innovation Project Fund of Jiangsu Province.

2013/07 - 2014/08

- Company: [Alibaba](#), Beijing
- Department: *Taobao - Merchants Data Quality Dept.*
- Position: *Sr. Engineer (P6+)*
- Tech-Stack: *Python, PHP, ODPS, AliCloud*, etc.
- Responsibilities & achievements:
 - Participate in the well-known [5K Project](#) of Ali-Cloud, be responsible for the migration to cloud of all QA and Dev servers in our dept.
 - Using RobotFramework keywords and the API of [ODPS](#), develop a general basic library of full-category merchant data API testing, which accelerated test-cases developing efficiency for our QA engineers.
 - Develop a web-based automated test platform based on Drupal to improve efficiency of Devs' self-testing.
 - Achievements: Technology Pioneer of Taobao-Merchants Data Quality Department in 2013

2011/04 - 2013/07

- Company: [Baidu](#), Beijing
- Department: *Page Searching - QA Dept.*
- Position: *Sr. Engineer (T5)*
- Technology Stack: *Python, C/C++, MySQL*, and other intra middleware of Baidu, etc.
- Responsibilities & achievements:
 - Be responsible for a unified testing Platform. Design, development, and maintenance about 20 internal QA-tools, such as retrieval package of distributed web information base, anti-spam unit test package in single page and etc.

- Participate in the development of testing base library of Baidu.
- Be independently responsible for the R&D of "[Baidu Zhixin](#) medicine data-mining project". With data aggregation of multiple offline medicine knowledge bases and third-party suppliers, qualified suppliers are [preferentially shown](#) in the first page of Baidu searching results page through Aladdin platform.
- Achievements: Promotion from T3 to T4 to T5 within 2 years. Successively being awarded the Star of QA, Quality Expert in Baidu QA and Technology Pioneer (the highest tech award of QA Dept. in Baidu).

CERTIFICATIONS

- [AWS Certified Solutions Architect \(Professional\)](#)
- [AWS Certified SysOps Administrator \(Associate\)](#)
- [AWS Certified Solutions Architect \(Associate\)](#)
- [Aliyun Certified Cloud Computing Engineer \(Professional\)](#)
- [Aliyun Apsara Big Data Specific Certification \(Clouder\)](#)

EDUCATIONAL BACKGROUND

- 2008/9–2011/4, the [Master of Engineering](#) majored in SIP (Signal and Information Processing) in NUPT (Nanjing University of Posts and Telecommunications), ranking within the top 10%.

During the period of postgraduate, I conducted the research and development of Cognitive Wireless Network Algorithms, participated in two nation-level projects, published 5 articles in China and abroad (including two [link-A](#) and [link-B](#) articles through IEEE EI searching), I was awarded [Excellent Postgraduate](#) and scholarships as well as other honors. I won the [first prize of GMCM](#) (No. 4 of the nation) as the team leader.

- 2004/4–2008/6, the [Bachelor of Engineering](#) majored in Communication Engineering in NUPT, ranking within the top 10%.

During the period of undergraduate, I was awarded the academic and enterprise scholarship for many times, and I served as the vice minister of Information Technology Department of University Science & Technology Association Forum, I also participated in the [Open Source Mirror Server](#) Maintenance, organized the Canonical Ubuntu Campus Promotion Activities, etc.

CAREER PLANNING

- I expect to become an architect with great expertise, be amiable among colleagues, reliable on projects and happy in life.
- My personality-test reports: [PI Behavioral Assessment](#) / [16Personalities Profile](#) / [Truity MBTI Report](#) / [Truity Enneagram](#)

HOBBIES

- I have a passion for sports, especially for *Table Tennis*. I served as vice president of Baidu Table Tennis Association. I won the champion of Men's Singles of Baidu Quality in 2011 and 2012. I represented Baidu to win the champion of Shangdi Software Park Group in 2012 and 2013. I ranked the third in [Men's Singles Competition of SMG Shanghai Media Group](#) in 2017, 2018 and 2019. I won the [Men's Singles champion](#) of IKEA China digital hub in 2023.

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