LI LEI

Online resume: **https://www.lilei.tech/resumes/**

Email: **i@lilei.tech** · Tel: **+86-0173-1235-0801** · WeChat: **stdlib**

Name: *LI lei (李雷)*   Sex: *Male*

Birth: *January, 1986*   Marital Status: *Married*

Job Status: *On Job*   Location: *Shanghai*

Educational Background: *Master of Engineering*

Work Experience: *Software Development for 10 years*

Direction: **Cloud Solution Architect / DevOps / K8S**

SUMMARY

- 10 years' experience for development, including 5 years team leader experience, worked for China's top companies of Internet, e-commerce and new-media.
- Deep understanding on Enterprises Digital Transformation, with solid experience on Cloud, DevOps, Servitization landing in traditional enterprise from scratch.
- Being proficient in Cloud-Solution, DevOps, Kubernetes architecture design and hands-on operations, with both back-end development and team leadership practical experiences.
- Cloud:
    - Deep understanding on Enterprises Digital Transformation with public clouds landing, with best practices and cost efficiency.
    - 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-APN qualification.
    - Deep understanding on Ali-Cloud since 2013, up to now with its diverse IaaS/PaaS/SaaS services, certified as Aliyun Certified Cloud Computing Engineer (Professional).
    - Solid experiences on cooperation with BD, SA, TAM teams of AWS and Ali-cloud.
- DevOps:
    - Solid experience on introducing DevOps to an enterprise from scratch, as a part of its Digital Transformation.
    - 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.

- o Practical experience on building DevOps platforms from scratch (GitLab, Jira, Confluence, Nexus, Docker-Registry, GitLab-Runner, Apollo-Config-Server etc.).
    - o Solid experience on containerization for hundreds of micro-services with Kubernetes, with diverse resources as ING, EP, DS, Job, HPA, cluster-autoscaler, CRD, etc.
- Coding:
    - o Being proficient in Python, with solid experience on development of intra-tools, data-mining, integrations, API-services, parallel-processing, etc.
    - o Experience on leading big-data platform secondary development of a Java Dev team.
    - o Deep understanding on Orchestration & IaC (Infrastructure as Code), with practical experience on K8S resource files, GitLab CI/CD files, Jenkins-files, CloudFormation, and etc.
- Team leadership: task decomposition, cross-team collaboration, tech specification definition, recruitment & training, KPI assessments, team building, etc.
- Languages: Mandarin (native), English (CET-6, working-well)

WORK EXPERIENCES

2016/10 - PRESENT

- Company: Oriental Pearl Group Co., Ltd., Shanghai
- Department: *Cloud Computing Center(Academy) - Data Service Dept.*
- Position: *Senior Manager* (Level-12)
- Tech-Stack: *AWS*, *Aliyun*, *K8S*, *CI/CD*, *Python*, etc.
- Responsibilities:
    - o As a team leader, land the big-data platform onto AWS from scratch.
    - o As the liaison officer of this enterprise on AWS, achieve the advanced APN qualification.
    - o Land several systems on Ali-Cloud and realize their containerization in ACK on ECI with end-to-end CI/CD automation using GitLab Pipelines.
    - o As a part of Digital Transformation, introduce DevOps to this enterprise from scratch.
    - o Build the enterprise-level DevOps chain (GitLab, Jira, Confluence, Nexus, Docker-Registry, GitLab-Runner, Apollo-Config-Server etc.).
    - o Define and optimize and spread DevOps workflow for several Dev teams.
    - o Lead a small back-end Dev team, promote the transformation of micro-service.
    - o Lead the big-data platform Dev team to achieve the tech standard of data access, construction of data lake, development of client-side SDK, achieving unified data lake for multiple subsidiaries in this enterprise.
    - o Drive open-source of partial general components of this enterprise.
    - o 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: *Manager*
- Tech-Stack: *Python*, *C/C++*, *Qt*, *Aliyun*, etc.
- Responsibilities: 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 yuan.
  - 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: *Senior Engineer (P6+)*
- Tech-Stack: *Python*, *PHP*, *Aliyun*, *ODPS*, etc.
- Responsibilities:
  - 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: *Senior Engineer (T5)*
- Technology Stack: *Python*, *C/C++*, *MySQL*, and other intra middleware of Baidu, etc.
- Responsibilities:
  - 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 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 Nanjing University of Posts and Telecommunications, 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

- According to my [PI behavioral report](#) (Predictive Index Behavioral Assessment), I expect to become an engineer with great expertise, be amiable among colleagues, reliable on projects and happy in life.

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.

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