

Hou Huiyang

Contact Information:

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Career Objective: Seeking a leadership position such as CTO or Technical Director in an international IT environment, leveraging over 17 years of experience in technology management, system architecture, and team leadership.

Summary of Qualifications:

Technical Expertise: Proficient in Go, Java, Python, JavaScript, and PHP. Experienced with big data tools such as Kafka, Hadoop, Spark, and StarRocks. Skilled in Kubernetes, cloud computing, and machine learning.

Leadership and Strategy: Extensive experience in managing development teams, designing scalable systems, and aligning technical solutions with business strategies.

Innovation and Problem Solving: Proven track record in overcoming technical challenges, implementing high-performance architectures, and driving operational excellence.

Education:

Northern Arizona University | Master's in Computer Information Technology February 2023 - December 2023

Beijing University of Science and Technology | Bachelor's in Computer Science and Applications September 2004 - July 2008

Professional Experience:

Chongqing Zhonglebang Network Technology Co., Ltd. | Technical Director March 2022 - October 2024

Technical Leadership: Designed and implemented the overall technical architecture for a payroll and tax settlement platform, including business systems, internal information systems, and a data middle platform, ensuring security, scalability, cost-efficiency, and stability.

**Team Management:** Optimized R&D processes, introduced quality control mechanisms, and improved team efficiency and product quality through effective supervision and incentive strategies.

**Achievements:** Increased system stability to 99.9% within one year, guided the team to achieve exceptional performance, and scaled business support to handle revenue growth from tens of millions to billions.

Beijing Chenfeng Information Technology Co., Ltd. (Chengdu Branch) | Go Architect June 2021 - January 2022

**System Migration:** Led a zero-downtime migration of a B2C platform using the Go Framework, improving system performance and reliability.

**Data Security:** Designed a conversation archiving system with advanced pagination and data access control.

**Achievements:** Improved system processing capacity by 30% and reduced code complexity by 50%.

Chengdu Dataoke Technology Co., Ltd. | Technical Lead August 2020 - June 2021

**Technical Architecture:** Spearheaded the company's transition to a microservices architecture, leveraging Go and Kubernetes for high availability and scalability.

**Data Platform Development:** Built a data middle platform to support business intelligence and data-driven decision-making.

**Achievements:** Enabled a 10% increase in business growth through innovative use of data.

Beijing Baitong Century Technology Co., Ltd. | Technical Director May 2018 - July 2020

**Product Development:** Designed an online education platform for students, integrating web and mobile solutions for seamless learning experiences.

Marketing Platform: Developed a social network-based marketing system that boosted user acquisition and retention.

Achievements: Built a data-driven business decision system that improved marketing conversion rates by 20% and enhanced team efficiency by 30%.

Beijing Didi Unlimited Technology Development Co., Ltd. | Technical Expert December 2016 - May 2018

Algorithm Development: Created a full allocation system with anti-fraud mechanisms, minimizing losses from fraudulent activities.

Achievements: Received the company's Anti-Fraud Innovation Award.

Baidu Online Network Technology Co., Ltd. | Strategy Engineer March 2013 - November 2016

Recommendation Systems: Worked on personalized travel recommendations, leveraging user behavior data and machine learning models to enhance user experiences.

Achievements: Improved system efficiency by 20% through optimized data processing and algorithm enhancements.

Other Roles:

Senior Programmer | Xiaomi Inc. | March 2012 - March 2013

Senior Programmer and Project Lead | Meituan | March 2011 - February 2012

Senior Programmer | Oak Pacific Interactive | July 2008 - February 2011

Skills:

Technical: System architecture, microservices, big data, machine learning, cloud computing.

Languages: Go, Java, Python, JavaScript, PHP.

Tools: Kafka, Hadoop, Spark, Kubernetes.

Management: Agile processes, team building, R&D optimization.

Awards and Recognitions:

Didi: Anti-Fraud Innovation Award.

Zhonglebang: Best Team Award, multiple A-level performance reviews.

Languages:

English: Proficient (IELTS equivalent: 7.5).

Mandarin: Native speaker.

Availability: Currently available for relocation or remote work opportunities. Preferred regions: New Zealand, Japan, Southeast Asia.

Expected Salary: Negotiable based on market standards and role responsibilities.