Xiao Liu, Cloud Architect/Engineer

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SUMMARY

Cloud Architect with 5+ years of experience designing and delivering secure, scalable, and cost-efficient solutions on Azure. Expertise in cloud migration, hybrid/multi-cloud strategies, and modernization of enterprise systems. Skilled in Infrastructure as Code (Terraform), Kubernetes, Docker, and microservices-based architectures to drive agility, resilience, and rapid deployment. Strong background in CI/CD automation, cost optimization, and compliance with security standards. Proven ability to lead teams and translate complex requirements into practical, business-aligned cloud solutions.

CERTIFICATES

Sep 2025	Certified Kubernetes Administrator (CKA)
Mar 2021	Azure Solutions Architect Expert
Nov 2022	Azure Security Engineer Associate
Dec 2022	Azure Developer Associate

EDUCATION

Sep 1999 — Jun 2003	Bachelor of Computer Science	Dalian Jiaotong University

EMPLOYMENT HISTORY

Oct 2019 — Present   Cloud Solution Architect, Mercedes Benz Mobility AG   Stuttgart Germany

- Architected and engineered cloud-native solutions for seamless migration of on-premise applications to cloud environments.
- Designed microservices cloud architecture leveraging Kubernetes and container applications, ensuring adherence to best practices.
- Established CI/CD DevOps pipelines utilizing Terraform, GitHub Actions, and Azure Pipeline to enhance deployment efficiency.

- Implemented security measures aligned with application and network security policies, maintaining robust protection of cloud resources.
- Collaborated with cross-functional teams to optimize resource allocation, improve performance, and ensure compliance with industry standards.

Sep 2018 — Sep 2019   Executive Consultant, CGI Germany   Stuttgart Germany

- Delivered customer domain solution architecture consulting for customer data management and
- CRM.
- Designed system landscapes and established customer master data management rules.
- Developed customer domain data models and data integration strategies.

Apr 2012 — Jul 2018   Solution Architect and Application owner, Daimler   Beijing China

- Designed and implemented the Salesforce CRM system for Daimler China, enhancing operational efficiency.
- Utilized Salesforce Sales and Service Cloud for integrated business processes across wholesale, call center, and retail sectors.
- Managed centralized customer data over distributed applications to improve data accessibility and accuracy.
- Collaborated with cross-functional teams to define cloud architecture requirements and ensure scalability.
- Streamlined system integration using industry best practices and emerging technologies.

Jun 2008 — Mar 2012   Solution Architect and application manager, BMW   Beijing China

- Led technical design and implementation of BMW China CRM system, enhancing customer data quality.
- Eliminated redundant CRM processes, streamlining application usage.
- Established customer master data management, resulting in unique customer records.
- Collaborated with cross-functional teams to align cloud architecture with business objectives.
- Developed scalable cloud solutions to improve CRM efficiency and customer experiences.

Jan 2007 — Jun 2008   Senior Software Engineer, Oracle   Beijing China

- As senior software engineer working on Oracle Fusion Middleware development using Java and
- J2EE stack.
- Designed and implemented scalable cloud solutions in Azure.
- Developed CI/CD pipelines to streamline application deployment.
- Optimized application performance through system integration techniques.
- Collaborated with cross-functional teams to enhance project delivery.

Aug 2003 — Dec 2006   Software Engineer, Tata Consultancy Services   Beijing China

- As technical leader lead team to design and implementation of GE China Oracle ERP system.
- Developed and executed multiple Java tech stack projects for GE global.
- Enhanced system integration through WebMethods integration strategies.
- Collaborated with cross-functional teams to align IT solutions with business objectives.

- Mentored junior engineers on best practices in software development and cloud technologies.

SKILLS

Oracle	Expert
Web Application Servers	Expert
Bash	Expert
Azure Cloud	Expert
Containers/Kubernetes	Expert
Git	Expert
terraform	Expert
CI/CD	Expert
Helm	Expert
Apache Kafka	Experienced
Java	Experienced
Golang	Experienced
python	Experienced
SQL	Experienced
JavaScript	Experienced
Agile and Scrum	Experienced
HTML & CSS	Experienced

HOBIES

Travelling, Programming, Reading, hiking.

LANGUAGES

English	Proficient
German	B1
Chinese	Native speaker