CHENG LI

EDUCATION

B.S in Computer Science
Grand Valley State University
Graduated in the year 2019

SKILLS

Languages & Frameworks:
- C#
- .NET Core
- JavaScript
- SQL

Systems & Architecture:
- Distributed Systems
- Microservices Architecture
- API Development
- System Design

Performance & Data:
- Scalability
- Query Optimization
- Data Migration

Tools & Practices:
- Git
- Azure DevOps
- CI/CD Pipelines
- Automated Builds & Releases

Leadership:
- Agile/Scrum
- Mentorship
- Cross-Functional Collaboration

Languages:
- English
- Chinese

PUBLICATION

A Novel Global Key-Value Storage System Based on Kinetic Drives

SOFTWARE ENGINEER | LEAD

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LinkedIn: Cheng Li (https://www.linkedin.com/in/chengli-0)

SUMMARY

Lead Software Engineer with 6+ years of experience designing distributed systems, optimizing large-scale data migrations, and leading engineering teams through modernization initiatives.

WORK EXPERIENCE

FINYS, Troy MI   **January 2019 - Current**

Lead Software Engineer
- Built foundational billing system infrastructure with .NET Core 9 and microservices, boosting performance by 90% compared to System 2.0.
- Optimized billing database schemas for integrity and performance, cutting query times by 80%.
- Directed a team of 10 engineers and 3 BAs, accelerating delivery timelines and mentoring team members into senior roles.
- Collaborated with team leaders and clients to align requirements with product delivery, improving client satisfaction.
- Spearheaded technology upgrades from legacy to Billing 2.0/3.0, enhancing system stability and reducing maintenance overhead.

Software Engineer
- Built a migration tool that modernized data transfer from a pre-1.0 legacy system, enhancing performance and user experience.
- Supported and developed the migration from legacy systems to Billing 2.0, ensuring stability and seamless client adoption.
- Supported migration of 15+ years of legacy data, successfully transferring 5M+ transactions with zero business disruption.

Junior Software Engineer
- Modularized UI components, improving maintainability and enabling scalable feature development.
- Maintained billing components and consistently delivered release items on time and with high accuracy, ensuring smooth client deployments.
- Participated in product decision meetings, gaining early experience in project management and cross-team collaboration.