Shengfeng Li

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Summary

- Senior Software Engineer with 10+ years of experience in **Android app** development, microservices architecture, and **web development**. Skilled in building scalable systems and integrating DevOps practices. Strong proficiency in **Java**, Python, and modern web technologies.

Work Experience

TiMaven — BATON ROUGE, LA
Senior Software Engineer — *May 2019 - Present*

- Developed a comprehensive microservice-based platform for time management, equipment tracking, and HR management, serving 3,000 employees and managing 4,000 machines.
- Led the creation of systems to streamline labor hour tracking, procurement processes, and custom reporting, improving operational efficiency and decision-making.
- Enhanced recruitment workflows by automating HR systems, significantly improving responsiveness and efficiency.

Gordon A. Cain Center — BATON ROUGE, LA
Research Assistant - Full-Stack Web Development — *Sep 2017 - May 2019*

- Designed and implemented a web platform for assignment submission and grading, serving over 500 students.
- Developed data visualization tools for educators, improving performance tracking and decision-making.
- Automated deployment and development processes, accelerating software releases.

Beijing Brain Cell Software Co., LTD — BEIJING, CHINA
Senior Software Engineer - Vending Machine Control System Development — *Feb 2016 – July 2017*

- Led a team in designing and developing a vending machine control system for Android platforms, generating over $300k in revenue and reducing operational costs by 90%.
- Implemented a remote management system, improving machine maintenance and reducing on-site visits.
- Optimized the system for multiple device sizes and protocols, enhancing compatibility and reducing development time.

Fujitsu — TOKYO, JAPAN
Software Engineer - Android App Development — *Apr 2014 - Feb 2016*

- Redesigned the Android UI for elderly users, simplifying operations across six device models.
- Developed and optimized a fingerprint authentication system, enhancing security and user experience.

Beijing Brain Cell Software Co., LTD — BEIJING, CHINA
Software Engineer - Android App Development — *July 2012 – Apr 2014*

- Developed user interface components for USB operations in Honda vehicle multimedia systems, improving user interactions.
- Designed and implemented movie ticket vending machine software and daily news displays, enhancing customer engagement.

Certifications

AWS Certified Cloud Practitioner — Dec 2024

Education

Louisiana State University, Baton Rouge, LA — GPA 3.8/4.00
M.S. Computer Science — *Aug 2017 – May 2019*

Skills

- **Programming Languages:** Java, Python, JavaScript
- **Web Development:** JSP, Thymeleaf, Spring, Hibernate, HTML, CSS
- **Mobile Development:** Android, Flutter
- **Cloud Platforms:** AWS, Azure, GCP
- **DevOps Tools:** Docker, Gradle, Git, CI/CD pipelines, Infrastructure as Code (IaC)
- **Database Management:** SQL, PostgreSQL, Firebase
- **System Design:** Microservices, Multi-tenant architecture, Domain-Driven Design
- **Others:** Linux/Unix Shell scripting, machine learning, deep learning, embedded development