

KAILONG,DUAN

kduan@mail.smu.edu • 4695448470 • [github](#) • [linkedin](#) • Dallas, TX

SUMMARY

Results-oriented **Full-Stack Software Engineer** with **4 years of professional experience** designing, developing, and deploying **high-traffic enterprise applications** across diverse platforms. Proficient in **front-end technologies** including **Vue.js, React.js, HTML, CSS, JavaScript, and Tailwind CSS** to build and deploy modern, responsive web interfaces. Experienced in **back-end development** using **Java (Spring Boot), MySQL, Redis, and Kafka**, capable of architecting and implementing **large-scale microservice systems**. Skilled in **cloud computing**, with the ability to **deploy full-stack applications on AWS** (frontend + backend). Currently expanding expertise in **artificial intelligence**, focusing on **machine learning and natural language processing (NLP)** through **Python** and experimentation with **LLM-based models**.

Seeking challenging entry- to mid-level software engineering roles beginning in **05/ 2026**, leveraging fast learning, technical versatility, and hands-on system-design experience to contribute immediate value in production environments.

EXPERIENCE

Truelore

Beijing, China

Software Engineer

Aug 2020 - 2022

- Architected and deployed 6 core microservices utilizing **Spring Boot** and **RESTful APIs**, enhancing system scalability by 40% (peak transaction capacity) and ensuring 99.8% reliability.
- Diagnosed and resolved major critical framework stability issues, resulting in a verifiable 20% reduction in quarterly operational costs and decreasing P1 production incident rates by 15%.
- Automated end-to-end **CI/CD pipeline** via **Docker** and **Jenkins**, decreasing Lead Time for Change (code commit to deployment) by 35% and reducing pre-production integration errors by 90%.
- Engineered a large-scale internal management system (React.js, SSO) serving 2,000+ internal users, standardizing access control across 15 critical internal applications.

iSoftStone

Shenzhen, China

Software Engineer

Aug 2018- Aug 2020

- Developed critical user-facing Single Page Applications (**SPAs**) and mobile features (Vue.js/React.js), achieving 95% cross-browser compatibility and supporting 10,000+ daily active users (DAU).
- Optimized high-traffic application server performance using **Nginx** load balancing and caching strategies, successfully handling peak loads of 500+ Requests Per Second (RPS) with optimized latency.
- Established foundational CI/CD automation using Jenkins and **GitLab**, eliminating 100% of manual deployment errors and increasing successful deployment frequency from bi-weekly to daily releases.
- Collaborated with 4 cross-functional teams to implement modular **Java**/Spring Boot backend services, reducing technical debt accumulation and improving long-term maintainability by 25%.

EDUCATION

Southern Methodist University (GPA 3.3)

Dallas, TX

Master Degree in Software Engineer

May 2024-May2026

Henan University of Economics and Law

Zhengzhou, China

Bachelor's Degree in Science

Sep 2013 - Jun 2017

SKILLS

Languages & Frameworks:

- **TECHNICAL SKILLS** Languages: **Java, Python, JavaScript, HTML CSS, SQL**
- Frameworks/Libraries: **Spring Boot, React.js, Vue.js MySQL, Oracle**
- Tools & Platforms: **Docker, Jenkins, GitLab, Linux, Nginx, Kafka, AWS**