

Haokun Song – Full-Stack Engineer / Frontend Developer

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Professional Summary

End-to-end full-stack engineer with 9 years of experience in front-end development, cloud architecture, and privacy compliance. Brings a unique blend of product thinking, engineering excellence, and GDPR expertise, gained through roles at JD.com, Huawei, and TCL. Known for independently leading projects from concept to deployment—including an AI-powered Bazi Analysis SaaS and a Jira-driven quality dashboard. Strong in modern web frameworks (Vue.js, React, Nuxt 3), backend systems (Spring Boot, FastAPI), and DevOps automation (Docker, CI/CD, Vercel, Render).

Selected Projects

- AI Bazi Analysis SaaS (<https://www.bazi-analyse.de>)

Built an AI-driven SaaS platform from scratch, handling product design, architecture, and deployment. Rebuilt backend using Spring Boot 3 with asynchronous AI workflows and implementing asynchronous task processing and a five-stage state management system resolves session timeout issues caused by lengthy AI computations. Integrating Stripe's payment ecosystem enables secure online transactions..

- Jira Quality Dashboard (<https://jira-gerrit-automation.vercel.app>)

Led design and development of a Jira/Gerrit data dashboard (Vue 3 + FastAPI) with real-time visualization and automated data refresh. Implemented OLAP-style pre-aggregation, cutting query time from 30s to under 0.2s.

Work Experience

- 2024 – Present | Software Quality Engineer – TCL

Established a quality monitoring system and automated dashboards, reducing defect rate by 15% through data-driven QA metrics and GPT-assisted code reviews.

- 2021 – 2023 | Privacy Compliance Engineer – TCL

Built privacy risk assessment workflows (PIA) and led ISO 27701 certification; ensured GDPR compliance across multiple smart devices, impacting millions of users.

- 2019 – 2020 | WebGL Frontend Engineer – JD.com

Developed a 3D interior design tool with Three.js; enhanced rendering and user interactions. Built Vue.js-based admin systems, completing multiple high-traffic releases.

Core Competencies

Frontend: Vue.js, Nuxt 3, React, TypeScript, Three.js/WebGL

Backend: Spring Boot 3, FastAPI, Node.js (Express), REST API design

Database: PostgreSQL, SQLite, Redis

DevOps: Docker, CI/CD (GitHub Actions), Vercel, Render

Security & Compliance: GDPR, ISO 27001/27701, Privacy by Design

Certifications

CIPP/E – IAPP Certified Information Privacy Professional (Europe)

ISO 27001 & 27701 – Certified Internal Auditor

Education

Tianjin University Renai College – B.A. in Animation Design (2012 – 2016)