Xuyang Kang

London, UK

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PROFESSIONAL SUMMARY

Generalist Software Engineer with 10+ years of experience in backend engineering, data pipelines, and DevOps/SRE. Currently focused on Site Reliability Engineering (SRE), specifically monitoring business and system metrics for Critical User Journeys (CUJs) across Google Ads services.

EXPERIENCE

Google London, UK
Senior Software Engineer, SRE, Tech Lead *Oct 2022 – Present*

- Drive the team's technical vision and strategy while identifying and resolving complex reliability issues as a hands-on contributor.
- Architected and implemented a customized OLAP engine monitoring **XXX** CUJs for **X** internal customers; significantly improved stakeholder satisfaction by providing aggregated, high-scale, real-time reliability insights.
- Developed AI-driven dashboards and alerting systems to monitor CUJ health; validated AI performance through rigorous backtesting to ensure accuracy.
- Programmatically defined and measured adherence to SRE best practices to ensure systemic reliability.
- Maintained and improved the reliability of Ads Performance Max (PMax) campaigns and the Ads Build pipeline/data infrastructure.
- Safeguarded high availability via 7×12 on-call rotation, mitigating critical incidents with **\$XX,XXX+** revenue and significant user experience impact.

DoorDash Japan
Senior Software Engineer *Oct 2021 – Sep 2022*

- Led a team of developers delivering key features to drive the growth of DoorDash's APAC business.
- Successfully launched the DashPass annual subscription model in Australia.
- Led the technical integration and launch of the AfterPay & DashPass partnership.
- Improved Search functionality and A/B testing frameworks for the Japanese market.

ExaWizards Japan
Software Engineer, Tech Lead *July 2019 – Sep 2021*

- Led the development team for the CompanySearch service, taking it from Proof of Concept (PoC) to partner delivery.
- Designed and implemented a user management subsystem to scale the service for public use.
- Introduced and scaled Elasticsearch to enable robust text search and filtering capabilities.
- Established a dedicated sub-team to productionize data pipelines and support research initiatives.
- Defined and enforced software engineering best practices within the team.

Indeed Japan
Software Engineer *Nov 2017 – July 2019*

- Maintained and optimized infrastructure for Indeed's private cloud environment.

Google Beijing $\rightarrow$ Mountain View (HQ)
Software Engineer *Oct 2013 – Oct 2017*

- Contributed to high-impact projects including Street View, Android Studio, YouTube Music, and the Go programming language (Golang).

EDUCATION

University of Edinburgh 2023 – Present
M.Sc. in High Performance Computing with Data Science (Part-time)

University of York Graduated 2022
M.Sc. in Computer Science with Data Analytics

Nankai University Graduated 2013
B.Sc. in Computer Science