DAIYONG KIM

949-343-8946 | daiyongg.kim@gmail.com | linkedin.com/in/kim-daiyong/

PROFESSIONAL SUMMARY

A Senior Android Developer with over 15+ years of experience, having led mobile innovation at Samsung Electronics. Strong in designing complex systems and developing high-performance applications leveraging modern technologies.

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C, C++, C#
Frameworks: : Spring Boot, Android, .NET Framework
Databases: : MySQL, PL/SQL, Oracle, PostgreSQL, DynamoDB, Room
Tools & Testing: Git, Jira, Postman, Mockito, Espresso, JUnit
Methodologies: Agile/Scrum, TDD

EXPERIENCE

Sr. Software Engineer   Sep. 2023 – Present
GIT America, Inc.   *Irvine, CA*

- Architect the end-to-end development of a diagnostic Android application for the Galaxy Tab series, overseeing the full SDLC from planning to deployment.
  * Implemented key features such as GDS Smart connectivity and automated diagnostic report transfers to streamline warranty support.
- Engineered an integrated diagnostic service (**KTUS**) for Kia's PDI process by unifying multiple legacy applications, **reducing average inspection time by 10% to 20%.**
- Architected and maintained the core warranty claim feature in the Android application, reliably processing **25GB of data daily** for **4,000 Daily Active Users (DAU).**

Sr. Android Developer   Feb. 2022 – May 2023
HSBC   *Vancouver, BC, Canada*

- Spearheaded the Zelle P2P payment integration into the Android banking app, delivering a secure and seamless transfer experience for **1.5M+ users** and driving a **15% increase in Monthly Active Users (MAU).**
- Restructured and enhanced modular libraries for reusable, scalable Android components (Accounts, Check Deposit, Analytics) used by a **global team of 30+ developers**
- Mentored new hires on Android best practices and TDD principles, accelerating team productivity and onboarding speed.

Sr. Software Engineer   Mar. 2010 – Sep 2019
Samsung Electronics, Mobile Communications,   *Suwon, South Korea*

- **Steered** the development and launch of the **Bixby Vision Shopping** service, successfully integrating it as a native plug-in within the Samsung Camera app.
- Engineered a data pipeline using Python to parse and refine **over65 million product items,** significantly accelerating the data processing workflow for the ML training dataset.
- Led the development of the **Car Mode** Android application for Galaxy series, including Mirrorlink 1.1 standardization
- Implemented a 3D Video Player Android application, implementing complex UI/UX with **OpenGL ES** and native functionalities using the **Android NDK.**

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Master of Science in Computer Science, specialization in Machine Learning   *Jan 2025 - Aug 2028 (Anticipated)*

Vancouver Film School   Vancouver, BC, Canada
Diploma in Programming for Games, Web & Mobile   *Jan. 2021 – Dec 2021*

Hanyang University   Seoul, South Korea
Master of Computer Software Engineering   *Mar. 2002 – Feb 2004*