

Sadh MNM Khan

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Software engineer with a proven track record of building impactful products, now working at the intersection of generative AI and software systems.



Experience

Senior Software Engineer, Google (Mar 2019 – Present)

Google Labs (2022-)

- Augmenting capabilities of LLMs by developing integrated features like function calling and retrieval, empowering developers to create transformative applications.
- Crafting and deploying internal applications to tackle real-world challenges and exploring the boundaries of AI – leading to continued development of LLMs with similar features.
- **Launched: Gemini API, Function calling and Semantic retriever.**

Android App Safety (2020-2022)

- Built self-serviceable decision workflow, improving launch velocity of Play Store policies.
- Led cross-org infrastructure overhaul, for a more reliable and maintainable system.
- **Launched: Play Safety Labels, Package Visibility, A11y and Scoped Storage.**

Google Home/Nest (2019-2020)

- Built backend ML platform that powers **Presence Sensing, Geofence and Home Routines.**

Software Engineer, Teledata Communications, Inc. (Feb 2015 – Mar 2019)

- Developed Loan Origination SaaS, **Decision Lender 4x**, from inception to launch.
- Owned multiple feature verticals, third-party integrations, and platform development.
- Onboarded hundreds of clients, contributing to significant revenue growth.
- The product was later **acquired** by MeridianLink, which subsequently went **public** in 2021.

Senior Software Engineer, Samsung Electronics (Jun 2010 – Aug 2013)

- Founding member of R&D center in Bangladesh.
- Key work includes embedded systems, SoC verification, feature phone OS, Web-P on reconfigurable processor, smartphone apps etc.

Education

- **MS** in Computer Science, **Stony Brook University** (2013-2014)
- **BS** in Computer Science and Engineering, **KUET** (2006-2010)

Miscellaneous

- Flag enthusiast and webmaster of **flags.fyi**, a resource on flag info (work in progress).
- Co-founder/Publisher of **Lekhalikhi.com**, a platform that fostered growth of Bengali literature.
- Designed the **Sonnivo** Bengali keyboard layout.
- 2007 ACM ICPC Dhaka Regional, 11th Place.
- Grogard Extraordinaire at Wikipedia English.

Language agnostic. Recently: C++, Java, TS, Python. Previously: C, C#, JS, PHP, ASM etc. Want to try: Go, Rust.