

Mahesh Sreekandath

System Software

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www.msreekan.com,
medium.com/@jeanshack

Skills

C

Linux Kernel

RTOS

Device Drivers

ARM

Python

Firmware

Cursor AI Tool

Amazon Web Services

Flash Storage Stacks

SQL

Storage Data Plane

Data Analytics

Automotive

Board Support Packages

Professional Summary

- System software engineer specializing in hardware-software co-design, firmware, device drivers, kernel, runtime optimization, and data-plane instrumentation spanning embedded to cloud environments.
- Inventor with patents in NAND write optimization (50%+ throughput gain on Samsung devices) and deterministic cloud latency (predictable I/O curve across millions of AWS EBS volumes).
- Proven expertise at profiling and re-architecting system bottlenecks from RTOS to large-scale distributed systems (Optimization Methodology Medium Post)

Employment History

Sr. Software Engineer, Google, Sunnyvale

Aug 2026 — Present

Sr. System Software Developer, NVIDIA, Santa Clara

Feb 2023 — Aug 2026

SDE, Amazon, San Jose

Sept 2017 — Feb 2023

Software Engineer, E Ink, San Jose

Jan 2017 — Sept 2017

Sr. System Software Developer, Blunk Microsystems, San Jose

Nov 2011 — Jan 2017

Priori Roles

Mar 2006 — Aug 2011

- Qualcomm (Sr. Engineer) (2010–2011)
- ST Ericsson (Tech Lead) (2009–2010)
- Freescale Semiconductor (Software Engineer) – (2007–2009)
- Mistral Solutions (Design Engineer) – (2006–2007)

Education

B. Tech in Computer Science and Engineering