

ASHOK KUMAR SINGH

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Hi Mars,

As discussed, please find below the summary of my experience in recent past. please take it forward for your perusal.

I am in the Embedded Systems & Telecommunication industry for more than two decade and contributed significantly in the evolution journey of mobile devices & wireless system, starting from 2G to 4G and understand the 5G also well I dealt with all the operator ATT,T-Mobile and various regional carriers in North America. I have spearheaded team (at Samsung) which got done IMS and RCS trials with North American operators in early days of IMS.

I am in the leadership role for quite some time, managed embedded product development teams with size of more than 200 people for global product launch as part of Samsung R&D, Bangalore, India. Organized & led the product delivery team with Managers, senior managers, architects and software engineers. GWP (Great Work Place) survey for my team **was best in division** with one of the **highest E-SAT scores** in organization..

As a group Head in Samsung R&D, managed multiple software components including System Software, phone performance in terms of Power, MIPS, RAM/ROM requirements. I was responsible for meeting KPIs for operators for all the S/W and H/W components. My group was key contributor to global launch of Windows Phones. proposed and spearheaded the team to build low cost smart phone out of India office.

I am having expertise in building economical smart phones, feature phone or any handheld devices starting from **chipset selection** & performance evaluation, bring up the **chipset to commercial quality**, operator acceptance and shipping to market. I shipped more than 20 feature phones to US Mobile Operators in 2 years out of Samsung office in Bangalore without any schedule slippage. My group received "Best Project of Year" award for delivering a product (A PTT based phone) for ATT US before planned delivery date. Driven the continuous innovation for patents, tech papers writing and **got filed 8 patents**.

Effectively led large teams, based across different geographies like USA, South Korea, Europe & Taiwan and managed chipset vendors and contract management for outsourced employees.

On Technical front, I keep deep interest (so is my expertise) in Low level Software Driver, Firmware, Board Bring up, BSP building, Wireless Modem Software Real Time Software Executive, RTOSs (Nucleus, REX, (C)KOS,,FREE RTOS, Linux RT), File Systems, 3GPP, compliances and certification, Mobile OS (Windows Phone, Android & Samsung Proprietary platforms), Automotive Software & AutoSar, Assembly Language C and C++.

Currently I am associated with LeadSoC technologies to establish software programs. Prior to this, I was associated with couple of a start-up companies in leadership roles as Head of Embedded System Division. I also played Architect role for SoC Software – Low Level Drivers,& BSP Software. Leading the practices for Connectivity (WiFi, BT), Cellular wireless, Embedded and Automotive Software.

My education goes as follows:

- Senior Management Program (2011-12) – Successfully completed a one year **General Management from IIM Calcutta**.
- B. Tech, CSE (1988-92) – from IIT BHU, Varanasi, India. (IIT BHU is among top 6 engineering colleges in India).

I appreciate, you are making the time to review my experience, looking forward to a positive response.

You can refer my LinkedIn profile at <https://www.linkedin.com/in/ashok-kumar-singh-6049471>

Thanking You in Advance.

Sincerely,

Ashok Kumar Singh