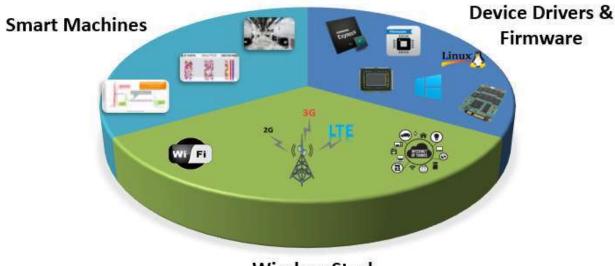# Samsung Semiconductor India R&D Centre, Bangalore

We are hiring for Software role for exciting range of products.

Primarily these areas fall under Embedded System, Wireless Communication and Next Gen Chip Fabrication categories. Under software profiles, students can let us know their interest area during the interviews & we can allocate them to relevant projects subject to requirements.

The main areas of work at Samsung semiconductor are as follows :-
Embedded Systems: Device Drivers & Firmware (BSP, eMMC/UFS/SSD, Power management IC, Sensor , Host Drivers for DRAM, Automotive), System SW stack (e.g. ScaleOut Storage Stack, NVMe over Fabric, Linux-Kernel Zoned name Space), Android Platform, Multimedia SW Stack (Compiler, CPU/GPU/DSP/NPU Optimization). Excellent software programming skills, Understanding of Multi-core programming, OS Concepts, Application Development (Windows/Android/Linux/MacOS) and embedded software concepts are plus.

Wireless Communication Stack: Wireless Communication Stack: 2G, 3G, LTE, 5G Protocol, Platform & RF software. IMS/RCS, TCP/IP & Other Data stack protocols for wireless Modems. Wi-Fi Stack Development for 11a/b/g/n/ac/ax along with radio firmware. Good foundation in Digital Signal Processing, Wireless Communication basics and excellent software programming skills are plus.

Next Gen Chip Fabrication: Fab Automation and Digital Transformation of Manufacturing processes using AI, Smart Equipment, Edge IoT and Simulation