

## **LTE**

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### **Experience: 9 Yrs**

In depth experience in wireless protocols, systems analysis, 802.11 and underlying PHY and MAC, Linux internals such as device drivers, networking interfaces, QoS and the TCP/IP stack.

Experienced in UMTS/LTE/WiMax/GPRS Layer 1 standard implementation

Hands on experience in baseband processing. Good knowledge on Signal Processing Algorithms (for communication systems).

Hands on experience with Processors and Peripheral devices.

Experienced with Test & Measurement equipments

Strong C programming

- RTOS fundamentals, interrelationships between DMA engines, interrupts, Interrupt Handling, Global Interrupt Handling, Memory Virtualization, user/kernel space, race conditions and perimeter locking.

Knowledge in ARM architecture, ARM assembly.

Experience in LTE NAS control protocol areas:

- EPS bearer management

- Authentication

- ECM-IDLE mobility handling

- Paging origination in ECM-IDLE

- Security control

Expertise in LTE RAN MAC involving expertise in RRC, RLC, MAC.

Strong Knowledge of 4G & RAN Technologies.

Various protocols knowledge in LTE Layer 2.

LTE protocol stack development

LTE Development with Skills on - C, Linux Kernel & User plane programming.