Proforma

Companies open to your department

Company :	Apple
Company Name :	Apple
Nature Of Business :	Hardware Technology
Designation :	Software Engineer, Hardware Technology
Tentative Job Location :	Bangalore
Description :	Title: Embedded 5G/4G Cellular RF Software/Firmware Engineer

Job Summary:

Do you have a passion for invention and self-challenge?

Do you thrive on pushing the limits of whatâ€™s considered feasible?

As part of a world class modem team, youâ€™ll craft sophisticated leading-edge embedded firmware that deliver more performance in our products than ever before. Youâ€™ll work across disciplines to transform improved hardware elements into a single, integrated design.

Join us, and youâ€™ll help us innovate new wireless systems technologies that continually outperform the previous iterations. By collaborating with other product development groups across Apple, youâ€™ll push the industry boundaries of what wireless systems can do and improve the product experience for our customers across the world.

As a Wireless Firmware Engineer on the physical layer development team, you will be at the center of the embedded 5G/4G/multimode cellular firmware effort within a silicon design group responsible for designing and productizing state-of-the-art cellular SoCs.

This position requires someone comfortable will all aspects of embedded software development, that thrives in a dynamic cross-functional organization, is not afraid to debate ideas openly, and is flexible enough to pivot on constantly evolving requirements.

Key Qualifications:

- Knowledge of mobile communications in 4G/5G 3GPP protocols and physical layer & radio aspects
- Solid understanding of Digital signal processing and RF fundamentals.
- Solid understanding of software engineering principles, and core computer science fundamentals.
- Excellent command of C and C++,and working experience with compilers, build and source code control tools.
- Working knowledge of CPU architecture , HW/SW interfaces and memory management.
- Proficiency with debugging in embedded software systems. Familiarity with JTAG and ETM Trace tools.
- Knowledge of Communication theory, Wireless standards, Radio architecture and Interfaces

Description:

- Specify, design, and develop the physical layer embedded software architecture of a state-of-the-art mobile wireless communications system.
- Design, develop and optimize the cellular modem processing algorithms pertaining to Baseband and RF components in a cellular system.
- Work with Baseband & RF systems and hardware designers to define hardware architecture and software computing requirements.
- Work with cross functional teams to manage dependencies while driving the key Radio features.

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	N	N	N	N	N	-	-	N	-	N
BSBE	N	-	N	N	N	N	N	-	-	N	-	N
CE	N	-	N	N	N	N	N	-	-	N	-	N
CHE	N	-	N	N	N	N	N	-	-	N	-	N
CSE	N	-	N	N	N	N	N	-	-	N	-	N
EE	Y	-	Y	Y	Y	Y	Y	-	-	N	-	Y

Eligibilty :													
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	N	N	N	N	N	-	-	N	-	N
MSE	N	-	N	N	N	N	N	-	-	N	-	N
PHY	-	N	-	N	N	N	N	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	N	-	N	N	N	N	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	N	-

CTC :Â INRÂ 3,061,700

Cost to Company :	Break up of CTC - Base 16,50,000Â + 2,00,000 Joining Bonus +Â USD 58,800 worth of RSUs over 4 years split equally (it will be 1,073,100 INR per year)
	Total CTC : 60-62 LPA
	CTC :Â INRÂ 3,061,700
Package Details :	Break up of CTC - Base 16,50,000Â + 2,00,000 Joining Bonus +Â USD 58,800 worth of RSUs over 4 years split equally (it will be 1,073,100 INR per year)
	Total CTC : 60-62 LPA
Bond :	False
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	N/A
Technical Interview:	True
Technical Interview Duration:	N/A
Number of Techincal Interview Rounds:	0
HR Interview:	True
HR Interview Duration:	N/A