

Company :
Company
Name :
Nature Of
Business :
Designation
:

Qualcomm India Pvt Ltd
www.qualcomm.com
SemiConductor

Sr Engineer- Multimedia System Engineer- Audio System

Tentative Job
Location : Hyderabad

Job Title	Multimedia Systems Engineer
Company - Division	Qualcomm Technologies, Inc. – Qualcomm CDMA Technologies (QCT) and Qualcomm Research India
Job Area	Engineering – Audio Systems
Location	Hyderabad
Educational Requirements	Masters in ECE or EE (Audio/Speech/Signal processing) Ph.D. in ECE or EE (Audio/Speech/Signal processing)
Overview	<p>Qualcomm is the innovation leader in the area of integrated chipsets that power advanced mobile devices. QUALCOMM is the world's leading developer of next generation wireless and multimedia technology. Qualcomm Multimedia Audio System group creates Audio solutions for Qualcomm chipsets that power today's most advanced Mobile devices, Smart Speakers, IoT and Automotive devices. With dedicated hardware, multi-core processors, QCT Audio solutions achieve state of the art Audio quality.</p> <p>Join Qualcomm India and become part of the growing multimedia systems team that innovates to bring the higher performance on mobile multimedia capabilities at the lowest power consumption and device cost, while providing the strongest feature differentiation. We are seeking Audio System engineer for bringing in Audio solutions to Qualcomm embedded platform. Responsibilities: The job responsibilities may include a subset of the following:</p> <ul style="list-style-type: none">• Designing and Implementing Audio processing algorithms for Mobile/IoT/Automotive devices• Developing fixed-point implementations and C models for speech/audio processing algorithms (to be ported in DSP/HW)• Implementing algorithms on the target hardware and perform optimizations to meet requirements• Development of complete Audio Solutions – Audio algorithm integration to Linux/Android framework and end to end use case validation• Audio tuning – Tune various Speech/Audio algorithms to achieve high quality Audio• End-2-end Audio feature development, prototyping, performance validation and commercialization of new audio features/technologies

Description :

Individuals who possess skills/experience in one or more of the following are requested to apply:

- Strong background in digital signal processing and data analysis
- Strong background in Audio/Speech/Signal processing
- Strong background in Embedded Systems
- Knowledge of Operating Systems - RTOS, Linux
- Knowledge of processor architecture – ARM, DSP
- Knowledge of Multimedia Frameworks
- Background in machine learning and familiarity with machine learning framework/packages is a plus
- Programming skills in C/C++, MATLAB, Python

	Program	AE	BS	BE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
	BT	No	No		No	No	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
	BS	--	--		--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
	MT	No	No		No	No	No	No	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
	DoubleMajor	No	No		No	No	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dual	No	No		No	No	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
Eligibility :	dualB	No	No		No	No	No	No	--	No	No	No	No	No	No	--	No	--	--	No	--	No	No	--
	dualC	No	No		No	No	No	No	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--
	Mdes	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
	Phd	No	No		No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	MSc	--	--		--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	--	No
	MSR	No	No		No	No	No	No	--	No	No	--	--	--	--	--	--	No	--	--	--	--	No	--

Amount

Cost to
Company :

Component		
Total Gross Pay	INR	21.60 L
Retirals (PF and Gratuity)	INR	1.30 L
Performance Bonus*	INR	0.91 L
Joining Bonus	INR	9.60 L
Relocation Bonus (Paid within 60 days)	INR	0.50 L
Restricted Stock Value Awards (Vesting in 3 years)**	INR	22.50 L (\$ 30,000)
Retention Bonus (Paid after 12 months)	INR	5.00 L

***Based on individual & Organization Performance || **RSV -33% vesting every year**

Additional Benefits : Relocation Assistance , Insurance , Transportation .

\$1=INR75

**Package
Details :**



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Bond :	False
CPI CutOff :	0.0
Medical Requirments :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test Duration:	00:45mins
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	00:45mins
Technical Interview:	True
Technical Interview Duration:	3:00hrs
Number of Techincal Interview Rounds:	3
HR Interview:	True
HR Interview Duration:	00:30mins
Additional Information:	