

Proforma

Companies open to your department

Company : Agnikul Cosmos
Company Name : Agnikul Cosmos
Nature Of Business : Manufacturing
Designation : Embedded Software Engineer
Tentative Job Location : Chennai

Description : Embedded Software Engineer Eligibility We strongly prefer working with individuals who are passionate about aerospace and are willing to work with us for the long term. WHAT IT TAKES  If you make typos such as keil down instead of kneel down - this is for you  If assembly line means one line of code - this is for you  If you think the next cricket match version should be 8080 - this is for you RESPONSIBILITIES  Design, develop and test (not necessarily space hardened) avionics firmware that will support the functions of our launch vehicles and test systems.  Strong firmware debugging capabilities with respect to embedded system issues  Create firmware systems with efficiency, modularity, extensibility, and robustness  Design communication protocols and demonstrate the ability to work with I2C, SPI, UART, USB, CAN and Ethernet.  Support through production and testing phase is expected  Design and lead boards with different MCUs(Cortex M4, MSP), peripherals, features, and development environments.  Define board schematics and know EE fundamentals BASIC QUALIFICATIONS  Bachelor of Science Degree in Electrical Engineering, Computer Engineering or Physics.  Proficient in C and C++ embedded firmware development  Experience with FPGA programming is a plus  Simple soldering and rework experience is a plus  Professional experience with experience in fast-paced projects (non-aerospace is okay); CPU-based circuit cards, consumer electronics, wireless devices, and/or low power platforms.  Professional experience with analog, digital or mixed-signal design principles including designs using operational amplifiers, filters, and transistors. PREFERRED SKILLS AND EXPERIENCE  Masters of Science Degree in Electrical Engineering, Computer Engineering or equivalent area of focus.  2+ years of board level experience designing hardware from concept through production; strong emphasis on full lifecycle development of new hardware systems -- not small incremental updates to legacy hardware  Strong understanding of computers and programming languages (C/C++, Simulation tools, Assembly language).  Ability to work in a fast paced, autonomously driven, and demanding start-up atmosphere  Excellent communication skills both written and verbal. ADDITIONAL REQUIREMENTS  Must be available to work extended hours and weekends as needed. What you could take away?  You might have designed one of the most compact electric motors in the world!  Your work will directly impact the company's (and the rocket's) trajectory.  You will learn rocket science from some of the most senior and respected minds in ISRO.  You will work on shaping space policy in India.  You will dirty your hands in a global supply/chain optimization problem.
Location: Chennai, India
Employment Type: Full Time

Department		BT	BS	MT	Double	Major	dual	dual	B	dual	C	Mdes	MBA	Phd	MSc	MSR
Eligibilty :	AE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	BSBE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	CE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	CHE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	CSE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	EE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	ES	-	Y	Y	-		Y	-	Y	-	-	N	-	-		
	ME	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	MSE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y		
	PHY	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-		
	CHM	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-		
	MTH	-	Y	-	Y		Y	Y	Y	-	-	N	Y	-		
	ECO	-	Y	-	Y		Y	Y	Y	-	-	N	-	-		
	DES	-	-	-	-		-	-	Y	N	-	N	-	-		
	IME	-	-	Y	-		-	Y	Y	-	N	N	-	-		
	CGS	-	-	-	-		-	-	-	-	-	N	-	Y		
	HSS	-	-	-	-		-	-	-	-	-	N	-	-		
	EEM	-	-	Y	-		-	Y	-	-	-	N	-	-		
	MSP	-	-	Y	-		-	-	-	-	-	N	-	-		

NET	-	-	Y	-	-	Y	-	-	-	N	-	-
PSE	-	-	Y	-	-	Y	-	-	-	N	-	Y
Stats	-	-	-	-	-	-	-	-	-	N	Y	-

Cost to
Company :

B.Tech - 15 LPA

M.Tech - 10 LPA

Salary breakup for B.Tech

Salary Components (Break-up)				
Particulars	No.	Monthly	Yearly	Remarks
Basic Salary	a	45000	540000	
Dearness Allowance	b	5000	60000	
HRA (House Rent Allowance)	c	25000	300000	
Other Allowance	d	25000	300000	
Special Allowance	e	25000	300000	
LTA (Leave Travel Allowance)	f	Nil	Nil	
Gross Salary (a+b+c+d+e+f)	g	1,25,000	15,00,000	Cost to Company
Statutory Compliance		-		
Provident Fund (P.F.)	h	1800	21600	Subject to Maximum of Rs. 15,000 (Basic + DA)
Employee State Insurance (E.S.I.)	i	Nil	Nil	
Professional Tax	j	209	2508	
Group Medical and Personal Accident Insurance T&C*	k	406	4872	
TDS (Tax Deducted at Source)	l	13023	156276	
Total Deduction (h+i+j+k+l)	m	15,438	1,85,256	Deduction for PF, ESI, Income and Professional Taxes
Variable Components		-		
Esops (Share,Stock etc.)	n	Nil	Nil	Nil
PLI (Performance Link Incentive)	o	25000	300000	It is purely linked to the performance which will be paid as per the company policy (ONCE A YEAR PAYMENT ONLY)
Bonus (Joining bonus etc.)	p	Nil	Nil	Paid as per the company policy
Total Variable Components (n+o+p)	q	25,000	3,00,000	
Net Salary -Â (g-m-q)	r	84,562	10,14,744	

Package
Details :

Salary Breakup for M.Tech

Salary Components (Break-up)

Particulars	No.	Monthly	Yearly	Remarks
Basic Salary	a	26250	315000	
Dearness Allowance	b	2917	35004	
HRA (House Rent Allowance)	c	14583	174996	
Other Allowance	d	14583	174996	
Special Allowance	e	25000	300000	
LTA (Leave Travel Allowance)	f	Nil	Nil	
Gross Salary (a+b+c+d+e+f)	g	83333	9,99,996	Cost to Company
Statutory Compliance		-		
Provident Fund (P.F.)	h	1800	21600	Subject to Maximum of Rs. 15,000 (Basic + DA)
Employee State Insurance (E.S.I.)	i	Nil	Nil	
Professional Tax	j	209	2508	
Group Medical and Personal Accident Insurance T&C*	k	406	4872	
TDS (Tax Deducted at Source)	l	3265	39180	
Total Deduction (h+i+j+k+l)	m	5,680	68,160	Deduction for PF, ESI, Income and Professional Taxes
Variable Components		-		
Esops (Share,Stock etc.)	n	Nil	Nil	Nil
PLI (Performance Link Incentive)	o		300000	It is purely linked to the performance which will be paid as per the company policy (ONCE A YEAR PAYMENT ONLY)
Bonus (Joining bonus etc.)	p	Nil	Nil	Paid as per the company policy
Total Variable Components (n+o+p)	q		3,00,000	
Net Salary -Â (g-m-q)	r	52,653	6,31,836	

Bond : False

Medical Requirements :
:

Resume Shortlist : True

Resume Shortlist Criteria: N/A

Aptitude Test: True

Aptitude Test Duration: 2 hrs

Group Discussion: True

Group Discussion 2 hrs

Duration:
Group
Discussion
Strengtd:
Technical
Test: True
Technical
Test 2 hrs
Duration:
Technical
Interview: True
Technical
Interview 2 hrs
Duration:
Number of
Techincal
Interview 2
Rounds:
HR
Interview: True
HR Interview
Duration: 2 hrs
