

Job Notification Form, IIT Delhi

Company Overview

Name: Qualcomm

Website: www.qualcomm.com

Company Type: Core (Technical)

Description: www.Qualcomm.com

Job Details

Designation: Modem FW Engineer

Type: Core (Technical)

Place of Posting: Hyderabad

Job Details: The Firmware Team at Qualcomm India:

- Develops highly optimal drivers for the proprietary hardware that lies at the heart of all of Qualcomm's leading-edge offerings
- Contributes to hardware conceptualization and choices for optimal performance
- Works closely with the Layer 1 protocol engineers to design protocol-compliant state machines to control the hardware
- Collaborates closely with hardware, systems and test engineers during all cycles of product development
- Designs in new features to keep Qualcomm chips competitive in an ever-evolving marketplace It is expected that the engineers:
- Are adept at C-programming and can develop real-time embedded software for proprietary DSPs
- Understand capabilities of hardware blocks like codecs, RFICs and their interfaces with software
- Appreciate 3GPP/IEEE spec requirements to develop drivers that program the hardware for 2G through 5G and for WLAN PHY
- Develop signal processing algorithms which are essential for modem performance

Knowledge of Digital Signal Processing Concepts Digital Communications Theory/C and MATLAB programming are essential.

Joining By: 1 July 2022

Salary Details

CTC: 3,510,000 INR Per Annum

Gross: 1,600,000 INR Per Annum

CTC Breakup: 1600000 (Gross) + 75000 (Retirals - PF and Gratuity) + 160000 (Performance bonus) + 500000 (Joining bonus) + 50000 (Reallocation bonus) + 1200000

(\$16000)(RSU- Restricted Stock Value Awards - vesting in 3 years)

Perks / Bonus:	Additional Benefits: Relocation Assistance, Insurance, Transportation * Performance bonus component can vary Based on individual & Organization Performance **RSU -33% vesting every year \$1=INR 75
-----------------------	---

Selection Process

Resume Shortlist:	No
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	No
No. of Rounds:	Online Test +Technical interview + HR interview
No. of Offers:	3
Minimum CGPA:	7.5 and above

Eligibility

Recruiting PHDs:	Yes
Eligible Departments:	M.Tech in Applied Optics, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Solid State Materials, M.Tech in Telecommunication Technology & Management, M.Tech in VLSI Design Tools & Technology, M.S.(R) in Electrical Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Computer Science & Engineering, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology