

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Texas Instruments

**Website:** [www.ti.com](http://www.ti.com)

**Company Type:** Core (Technical)

**Description:** Texas Instruments Incorporated (TI) is a global semiconductor company that designs and manufactures semiconductors and various integrated circuits. TI is one of the top-10 semiconductor companies worldwide, based on sales volume and is focused on developing analog chips and embedded processors, which account for more than 80% of our revenue. TI has been a pioneer in many innovations in the semiconductor domain including the development of the first integrated circuit, the first patent on a single-chip microprocessor, the first single-chip linear predictive coding speech synthesizer, developing the prototype of the world's first transistor radio and the invention of the digital light processing device (also known as the DLP chip), which serves as the foundation for the award-winning DLP technology and DLP Cinema (used in IMAX theatres). TI India was set up in 1985 and has R&D presence for all the major business units of TI including Analog (Data Converters, Amplifiers, Clocks & Synthesizers, Motor Drives, Power Management) and Embedded Processors (Connected Microcontrollers, Radar, ADAS - Advanced Driver Assistance, Infotainment Processors etc.) and caters to products for different market segments - Industrial, automotive, personal Electronics, Communication and Enterprise. By employing the world's brightest minds, TI creates innovations that shape the future of technology. TI is helping about 100,000 customers transform the future, today. We're committed to building a better future – from the responsible manufacturing of our semiconductors, to caring for our employees, to giving back inside our communities and developing great minds. Put your talent to work with us – change the world, love your job!

## Job Details

**Designation:** Embedded SW Engineer

**Type:** Core (Technical)

**Place of Posting:** Bengaluru

**Job Details:** As a Software/Firmware Engineer in the team, you will be working on development of platform software for next generation automotive or radar devices. You will also have the opportunity to work in exciting areas that TI works on like ADAS (Advanced Driver Assistance Systems), Radar, Motor Control, DLP, Microcontroller etc.

Your responsibilities will include:

- Understand standard specifications/ functional specifications/ feature enhancements for the device accelerator or advanced peripheral subsystem and create detailed design documents and develop software and use-cases
- Be an individual contributor in the software development domain – develop & maintain products, and support customers/field teams to integrate this functionality to end products

What do we expect from you?

- Bachelor or Master's degree in Computer Science/ Electrical/ Electronics

engineering

- Strong technical knowledge of embedded C, computer architecture, operating systems (RTOS)

- Strong C programming skills

Preferred Skills

- Experience with embedded software development

- Experience in Embedded Linux development, Real Time Linux

- Effective communication skills to interact with all stakeholders

- Good team and people skills to work closely with the systems, apps, marketing and test teams

**Joining By:** 4 July 2022

## Salary Details

**CTC:** 2,841,140 INR Per Annum

**Gross:** 1,618,400 INR Per Annum

**CTC** MTech

**Breakup:** Basic: 680000

Customizable: 938400

Provident Fund: 81600

Sign on bonus Year 1 (on joining): 400000

Sign on bonus Year 2 (completion of 12 months): 200000

Profit sharing: 340000

Cost of benefits: 126140

Relocation: 75000

BTech

Basic: 620000

Customizable: 855600

Provident Fund: 74400

Sign on bonus Year 1 (on joining): 300000

Sign on bonus Year 2 (completion of 12 months): 200000

Profit sharing: 310000

Cost of benefits: 121010

Relocation: 75000

## Selection Process

**Resume Shortlist:** No

**Written Test:** Yes

**Online Test:** Yes

**Group Discussion:** No

**Medical Test:** No

**Personal Interview:** Yes

**No. of Rounds:** 1-2

No. of 3  
Offers:

Minimum 7  
CGPA:

## Eligibility

Recruiting No  
PHDs:

**Eligible Departments:** B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Optoelectronics & Optical Communication, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Telecommunication Technology & Management, M.Tech in VLSI Design Tools & Technology, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Textile Engineering and M.Tech in Computer Science & 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 Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering