Job Notification Form, IIT Delhi

Company Overview

Name: DENSO CORPORATION

Website: https://www.denso.com/global/en/

Company Type: Core (Technical)

Description: DENSO is a global manufacturer of automotive components, providing advanced automotive technologies, systems and products. We will fulfill our corporate social responsibility by providing the world's first products and technologies.

DENSO Group Long-term Policy 2030: Bringing hope for the future for our planet, society and all people.
-Our Goal for 2030: A company that continuously generates value to enrich mobility that achieves sustainability, happiness and peace of mind for everyone.
-3 Keywords: Green, Peace of mind and Inspiring

Business Fields: Thermal Systems, Powertrain Systems, Electrification Systems, Mobility Systems, Sensing Systems, Semiconductor, Non-Automotive Businesses: Factory Automation, Agriculture

Global Business Foundation: Leveraging our global foundation to bring happiness to people around the world and create a better tomorrow. Aiming to be a company that can meet the needs of its various customers around the world and earn their trust, DENSO has expanded its business with 200 consolidated subsidiaries in 35 countries and regions across the globe.

Four Focus Fields: DENSO is contributing to the improvement of both industrial and social productivity by working to provide new
mobility value, establish factory automation (FA) and industrialize agriculture.
-Connected Cars, Advanced Safety and Autonomous Driving, Electrification, Non-Automotive Business

Research and Development:
- Advanced research focused on the future (e.g. Power semiconductor (SiC), AI technology, etc.)
- Commitment to World-First
- Global R&D structure(Japan, the United States, Germany, China, Thailand, India, and Brazil)
- Strong partnerships: DENSO collaborates with automakers around the world to meet a wide range of end-user needs
- Strengthen external collaboration(technologies and talent): Software, AI, and Communication system etc.

Other
- Number of patent applications: Ranking 6th@2020 in Japan (2,591 cases)
- Number of patents Held Globally: 40,000 cases

https://www.denso.com/jp/ja/-/media/global/about-us/corporate-info/profile/denso_brochure_en.pdf?rev=5998fc0fee874489a95cf7f6a66759de

Sales?JPY 4,936.7 billion (US$44.9 billion) on a consolidated basis *From April 1, 2020 to March 31, 2021
Capital?JPY 187.5 billion (US$ 1.76 billion)
R&D expenditure ratio: 10.0%(FY20 (492 bil.Yen))

Job Details

Designation: Software development of Automotive communication device NAD (Network Access Device)

Type: Core (Technical)

Place of Posting: Aichi, Japan

Job Details:

[Background of recruitment]
With 5G equipped smartphones are already in the global market and the autonomous driving technologies are progressing rapidly, there will be high demand for multifunctional and highly reliable communication device products. We are developing and designing software to be implemented in NAD (Network Access Device) to match the rapidly changing market needs, which will be the core of such communication device. We are looking for partners who will lead the development of NAD software by anticipating the future changes in world of communications globally.

[Details]

・Denso would like you to be part of the project of the software design and development of automotive communication device NAD, that could be released globally, using the latest software development technology.

・Specifically engaged in NAD embedded software development following the process of requirement definition, design, coding and testing. You will acquire the technical skills of embedded software design and development ability through prototyping ,customization and mass production. This developed software will be used for mass-producing the automotive NAD devices that will be released globally.

・Technical verification, evaluation and analysis of automotive cellular communication device will be carried out in the targeted connected cars. This results will be worked upon by Denso as a team to create the latest technology. This will enable you to acquire the engineering ability of automotive cellular communication device for manufacturing high quality products.

Development Tools:

・AWS (confluence, Jira)

・QAC, Klocwork(Static analysis tool)

Development Environment:

・Gitlab (Development Repository)

・Linux system(Development OS)

・yocto project(Embedded Build System)

keywords:
Cellular Communication(5G,4G,3G,2G)
Wi-Fi
Automotive Ethernet
Linux System Device Driver Development
Middleware Development
Modem Development
Integration Environment
Country specific Regulations/Certification
Project Management

International: Yes

Joining By: 1 October 2022

Salary Details

CTC: 5,156,700 JPY Per Annum

Gross: 3,103,000 JPY Per Annum

CTC Breakup:

UNDERGRAD:

[Annual]

・Basic salary: 2,496,000 JPY (Bachelor's degree)

・Bonus (varies per year. Expressed in average of 2020 new hires' bonus within 12 month of joining, rounded to nearest thousand yen): 607,000 JPY (Bachelor's degree)

・Housing support （Single dormitory）: Aichi 348,000 JPY

・Commutation Allowance (paid in actual. Calculation based on approx. 10 minutes train boarding time): Aichi (Nishiokazaki-Kariya) 87,120 JPY

[1-time payment]

・Japanese language training(180h/6month）: 900,000 JPY

・Flight (by actuals. Fee expressed in approximate cost): India Domestic Flight to Delhi 8,000 JPY/1-time, Delhi to Tokyo 120,000 JPY/1-time

・Public Transportation: to Aichi (from Tokyo) 10,560 JPY/1-time

・Moving fee from India to Japan: Shipping (by actuals with maximum) 180,000 JPY/1-time, Moving support 100,000 JPY/1-time

・COE (Immigration) Support: 100,000 JPY

・Start-up support (city registration, etc. support paid by company): 200,000 JPY/1-time

・Tax: 775,750 JPY (Bachelor's degree)

POSTGRAD:
[Annual]

・Basic salary: 2,760,000 JPY

・Bonus (varies per year. Expressed in average of 2020 new hires' bonus within 12 month of joining, rounded to nearest thousand yen): 633,000 JPY

・Housing support （Single dormitory）: Aichi 348,000 JPY

・Commutation Allowance (paid in actual. Calculation based on approx. 10 minutes train boarding time): Aichi (Nishiokazaki-Kariya) 87,120 JPY

[1-time payment]

・Japanese language training(180h/6month）: 900,000 JPY

・Flight (by actuals. Fee expressed in approximate cost): India Domestic Flight to Delhi 8,000 JPY/1-time, Delhi to Tokyo 120,000 JPY/1-time

・Public Transportation: to Aichi (from Tokyo) 10,560 JPY/1-time

・Moving fee from India to Japan: Shipping (by actuals with maximum) 180,000 JPY/1-time, Moving support 100,000 JPY/1-time

・COE (Immigration) Support: 100,000 JPY

・Start-up support (city registration, etc. support paid by company): 200,000 JPY/1-time

・Tax: 848,250 JPY

Perks / Bonus: (varies per year. Expressed in average of 2020 new hires' bonus within 12 month of joining, rounded to nearest thousand yen): 607,000 JPY (Bachelor's degree), 633,000 JPY (PostGrad)

Selection Process

Resume Shortlist:	No
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	2
Minimum CGPA:	N/A

Eligibility

Recruiting PHDs:	No
Eligible Departments:	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, 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 Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.Sc in Chemistry, M.Sc

& Technology, M.Tech in Water Resources Engineering, M.Sc in Chemistry, M.Sc in Cognitive Science, M.Sc in Economics, M.Sc in Mathematics, M.Sc in Physics, B.Tech in Civil Engineering and M.Tech in Geotechnical and Geoenvironmental Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, 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, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology, M.B.A. (General), M.B.A. (with focus on Management Systems), M.B.A. (with focus on Telecommunication Systems management), M.B.A. (with focus on Part Time), Master of Design in Industrial Design, Master of Design in Industrial Design, Post Graduate Diploma for Visionary Leadership in Manufacturing, B.Tech in Civil Engineering and M.Tech in Water Resources Engineering