Job Notification Form, IIT Delhi

Company Overview

Name:	Johnson Controls India Pvt Ltd
Website:	www.johnsoncontrols.com
Company Type:	Core (Technical)
Description:	Johnson Controls is a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Our 105,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities.? ? Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. ?We are committed to helping our customers win and creating greater value for all of?our stakeholders through strategic focus on our buildings and energy growth platforms.

Job Details

Designation:	Master Engineer Trainee
Type:	Core (Technical)
Place of Posting:	Pune
Job Details:	Master Engineer Trainee: AI-ML Developer

What you will do
Plan and execute analytical solutions & techniques independently. Strong technical skills to transform innovative ideas into implementation.

How you will do it
In collaboration with multiple teams, you will be playing a pivotal role to meet the product goal by delivering high-quality technical solution.

You will partner with product team to deliver structured, efficient, sustainable and adaptable solutions in line with the business needs and technical specifications.

Conduct research and prototyping innovations on advanced statistical and machine learning problems.

Engaged yourself in competency development and technical skill enablement across different emerging technologies.

Innovation - Transform from conceptualize to actual working ecosystem of components by creating POC(s).

What we look for
Versatile, high-energy technocrat with an excellence in critical thinking, analytical reasoning, and problem-solving skills along with deep technical knowledge in AIML based solutions.
Demonstrated ability to translate real world business problems into end-to-end technology product solutions.

Deep technical understanding in various data mining methodologies (data modeling, regression, classification, clustering, AI and ML etc.)

Experience in Python and data visualization tools with a strong grasp of effective data modeling and visualization practices.

Excellent communication skills, with an ability to articulate thoughts across globally distributed teams.

Graduated in Controls or Mechanical

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Master Engineer Trainee: Data Engineering

What you will do
Manage and organize trillion of Data points collected from various sites located globally and responsible for optimizing, and monitoring data retrieval, storage and distribution which can be then used by different JCI products.

How you will do it
In collaboration with multiple teams, you will be playing a pivotal role to meet the product goal by delivering high-quality technical solution.

You also need to understand how to optimize data retrieval and how to develop dashboards, reports and other visualizations for stakeholders.

Engaged yourself in competency development and technical skill enablement across different emerging technologies.

Innovation - Transform from conceptualize to actual working ecosystem of components by creating POC(s).

What we look for
Versatile, high-energy technocrat with deep technical knowledge on transforming data into a format that can be easily analyzed.
Build processes supporting data transformation, data structures, metadata, dependency and workload management.
Create and maintain optimal data pipeline architecture. Build the infrastructure required for optimal extraction, transformation, and loading of data from a wide variety of data sources.
Advanced working SQL knowledge and experience working with relational, non-relational, time series, Realtime databases, query authoring (SQL) as well as working familiarity with a variety of databases.
Proven experience in building and optimizing 'big data' data pipelines, architectures and data sets.
Strong technical skills - Hadoop, Spark, MongoDB, Cassandra, Kafka, Elasticsearch, Datalake, snowflake

Excellent communication skills, with an ability to articulate thoughts across globally distributed teams.

Graduated in Computer Science, Mechanical or Controls

Joining By: 1 August 2022

Salary Details

CTC: 1,109,659 INR Per Annum

Gross: 1,048,000 INR Per Annum

CTC Breakup:	Compensation for MET :-
	Proposed Salary Component Amount (INR) Per Month Per Annum
	Basic Salary 30567 366800
	House Rent Allowance 15283 183400
	Conveyance Allowance 1600 19200
	Food Allowance 2200 26400
	Leave Travel Allowance 3000 36000
	Statutory Bonus 1400 16800
	Balancing Allowance 33283 399400
	Gross Salary 87333 1048000
	Provident Fund 3668 44016
	Gratuity 1470 17643
	Cost To Company (CTC) 92472 1109659
	Confirmation bonus* (paid after completion of 1 year of training) 55483
Perks / Bonus:	Bomus : Confirmation bonus is 5% on annual CTC after completion of 1 year
	Other Benefits: "Group Medical Policy Covers : Employee, spouse & 2 dependent children + 2 dependent parents covered as family floater policy of INR 500,000. All parental claims has 20% co-pay maximum upto INR 50,000 per family in a policy year."
	"Group personal Accident Covers : Employee"
	"Group term Life Covers : Employee"

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	Yes
Personal Interview:	Yes
No. of Rounds:	3 technical Teams round + 1 HR round
No. of Offers:	3
Minimum CGPA:	Secondary and Higher secondary: 7.5 CGPA; B.Tech/ BE- 7.5 CGPA; M.Tech – 7 CGPA throughout

Eligibility

Recruiting PHDs: No

Eligible Departments: M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Mechanical Design, 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 Computer Science & Engineering, M.S.(R) in Mechanical Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering