Jio Platforms Ltd. Company: Company Jio Platforms Ltd. Name: **Nature Of** Research & Development

**Business:** Designation

Tentative Job Location:

Description

Navi Mumbai

5G technology so far has remained the monopoly of a few countries. However, with the entry of Reliance Jio in the 5G space, India is all set to have its own 5G technology stack. In the Annual General Meeting of Reliance in 2020, the Jio 5G stack was revealed to the world – Made in India, for Indians and the world.

Manager

The job role described below is for the Jio 5G Software and Technology Group, which is all set to disrupt the landscape of 5G dominance not only in India, but all over the world.

- 1. Jio 5G Engineers are working on a wide array of technologies ranging from 5G radio algorithm development, VHDL, RF design, Digital design, C/C++ programming, Java programming, Front-end languages such as Angular and React, Back-end frameworks, API development, Blockchain development, Big Data development, AI/ML development, Internet of Things (IoT) and Cloud Computing including containerized applications (Docker). Engineers who join the Jio 5G revolution are exposed to bleeding edge tech-stacks which are not available anywhere in India under one single roof.
- 2. Jio 5G Technology labs are an incubation center of innovation. The Jio 5G Software R&D Centre is one of the most advanced and equipped facilities in the world – both in terms of software processes, cutting edge projects, Automation as well as world class lab facilities. These lab facilities are a fertile playground for innovative ideas, with a wide spectrum of technologies such as - 4G/5G Radio, Device Modems, IoT sensors, Fiber Engineering, E/V-band and Microwave technology, IP/MPLS networks, Segment Routing, Multimedia core networks, Software automation, Operating Systems Optimization, Software verification, Test Automation, Cloud Native development as well as semiconductor/hardware design. The Jio 5G Labs also enable the end to end testing and integration of 5G use cases and various service scenarios before we launch them in the market.
- 3. Prior to 5G, Jio has also developed its own telecom network platforms in 4G. Today, all voice and video calls as well as SMS messages on the Jio network (Pan India) are handled by home-grown Jio 4G platforms which are made by this development group. The software developed by this group handles more than 8 billion calls and 5 billion messages every day. The big data lakes developed by this team handles in excess of 150 billion data points and 20 petabytes of data on a daily basis! The Jio 5G R&D group operates one of the largest telecom big data lakes in the world, with Machine Learning applied at scale in a large network.
- 4. Engineers working in the Jio 5G group are groomed to become future leaders. By the time an engineer turns 24 years of age, they are handling their own independent modules. By the time they turn 27, they are handling their own projects. Opportunities are provided early to our workforce, which helps them become excellent professionals who develop world-beating products.
- 5. Jio 5G is growing fast, with its software centers in Gurgaon, Mumbai, Bangalore and Indore as well as an upcoming center in Sweden and the USA. The motto of the Jio 5G Technology group is to plot Indian products on the world map and fueling innovation.

Program	AE BSBI	E CE CHE	CSE	EE ES	ME MS	E PHY	CHM	мтн	ECC	DES	IME	CGS	HSS	EEM	MSI	NET	ΓPSE	E Stats
BT	No No	No No	Yes	Yes	No No													
BS				No		No	No	No	No									
MT	No No	No No	No	No No	No No						No			No	No	No	No	
DoubleMajo	r No No	No No	Yes	Yes	No No	No	No	No	No									
dual	No No	No No	No	No No	No No	No	No	No	No									
dualB	No No	No No	No	No	No No	No	No	No	No		No			No		No	No	
dualC	No No	No No	No	No No	No No	No	No	No	No	No	No							
Mdes										No								
MBA											No							
Phd	No No	No No	No	No No	No No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSc						No	No	No										No
MSR	No No	No No	No	No	No No							No					No	

Fixed - Rs 1300000

Variable - Rs 200000

Cost to Company:

**Eligibilty:** 

Joining Bonus - Rs 200000

Additional/Retention Payout - After the completion of first year, Rs 600000 paid over 2 years, paid out half yearly in four equal installments

Fixed - Rs 1300000

Variable - Rs 200000

Package Details:

Joining Bonus - Rs 200000

Additional/Retention Payout - After the completion of first year, Rs 600000 paid over 2 years, paid out half yearly in four equal installments

Bond: False CPI CutOff: 0.0 Medical Yes

Requirments

Resume True Shortlist: Resume Shortlist 70% or above in academics Criteria: **Aptitude** False Test: Group False Discussion: Technical True Test: Technical Test 45 mins **Duration:** Technical True Interview: Technical 30 mins Interview **Duration:** Number of Techincal 1 Interview **Rounds:** 

False

HR Interview: Additional Information: