



Modem Verification Engineer (5G, LTE, IMS, UE Testing etc)

30ヶ国以上で事業を運営する売上高180億ドルのインドの複合企業の上場子会社

Job Information

Hiring Company

L&T Technology Services Limited

Job ID

1240763

Industry

Automobile and Parts

Job Type

Contract

Location

Tokyo - Other Areas

Salary

Negotiable, based on experience

Refreshed

March 11th, 2025 08:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Fluent

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Job Description

- Understand the project situation and bridge the gap between technical/delivery/development team and customers (stake holders)
- Should be able to translate the technical reports in English to Japanese and other way
- Participate in customer meetings to communicate project status, issues and resolution
- Should understand telecom operators requirements and guide team
- Should perform device bring up and trouble shooting

Location : **Tokyo**

Required Skills

Skills

- Should have minimum of 10 years of relevant experience in modern 3GPP protocols on devices
- Understanding of UE protocol stack/Modem protocol layers of LTE/5G and network architecture
- Mandatory exposure to 5G/LTE-NAS, NR/LTE-RRC, PDCP, RLC, MAC, PHY, IMS Domain - VoLTE & VoNR
- Good to have knowledge of working in Android-RIL(Radio Interface) layer
- Mandatory knowledge of Experience in Qualcomm modem configuration architecture & Tools (QXDM, QCAT)
- Mandatory Experience on Verification activities with 5G/4G modem using network Simulators (Anritsu, Keysight, R&S)
- C/C++ requirement more geared towards Android phones software- telephony -Qualcomm Radio Interface Layer (QCRIL) integration developers.
- Experience in Device Modem Log Analysis/debugging of Lab & Field issues with triaging support on Modem and follow-up with modem vendors over the issue
- Mandatory Japanese and English language fluency in reading/writing/spoken
- Understand technical aspects and communicate with all stake holders
- Should be good in communication and articulation skills

Company Description

L&Tテクノロジー・サービスズ (LTTS) は、エンジニアリングと研究開発 (ER&D) サービスにおけるグローバルリーダーです。

弊社では研究開発費世界トップ100企業中51社のために472の特許を申請し、常にエンジニアリングサービスの提供に邁進しています。弊社では世界トップクラスの自律型溶接ロボット、ソーラー接続型ドローン、スマートキャンパスをはじめとする革新的な製品をご用意しています。

工学設計、製品開発、スマートマニュファクチャリング、デジタル化におけるLTTSの専門知識は、起床時から就寝時まで生活のあらゆる分野に活かされています。弊社では49のイノベーションラボや設計開発ラボ、デザインセンターを世界中に展開して、5G、AI、協働ロボット、デジタルファクトリー、自動運転車などの破壊的技術分野を専門に扱っています。

LTTSは、30ヶ国以上で事業を運営する売上高180億ドルのインドの複合企業「ラーセン&トウプロ」の上場子会社です。

【事業内容】**製品エンジニアリング**

- 製品の概念化
- 設計 & 開発
- 試験 & 認証
- 製造サポート
- 製品のメンテナンス

デジタルエンジニアリング

- 機械学習
- マシンオートメーション
- マシンビジョン
- 機械とのコミュニケーション

バリューエンジニアリング

- 価値分析
- リバースエンジニアリング
- 製品小型化
- 製品ベンチマーキング
- レガシーシステムのアップグレード

【業界】**産業製品**

LTTSでは、下記をはじめとする革新的な製品をご用意しています。

- 世界トップクラスの自律型溶接ロボット
- 世界トップクラスの商用グリッドメッシュ
- スマートキャンパス

次世代型埋込式OTセキュリティ・ソリューションを組み合わせた弊社の余地保全モデリング・ライブラリにより、貴社の「インダストリー4.0」ビジョンの実現に向けて有利なスタートを切っていただけます。

医療機器およびライフサイエンス

強力な技術力に支えられたLTTSの豊富なドメイン専門知識は、医療機器OEMを支援します

- 業界の課題に対処する
- 市場投入までの時間を短縮し
- コストを最適化

LTTSでは、OEMが洗練された医療機器設計を作成し、簡素化された堅牢な配信モデルでそれらを開発するのに役立つソリューションの提供に焦点を当てています。

私たちは世界の医療機器のリーダーと協力して、製品開発と製造プロセス全体の運用効率を高めています。医療分野で60以上の特許を共同執筆しており、世界の医療機器企業トップ10のうち6社のパートナーです。

プラントエンジニアリング

メーカーの主要事業目標には、運用上の効率性の向上とイノベーションを推進するエコシステムの確立が含まれます。業

界各社が市場シェアを維持する手段は、競合他社よりも迅速なペースで新製品を導入することです。これにはエンジニアリング上の変更に合わせてエンジニアリングのサイクルを調整する必要があります。収益性を維持したままで事業成長を推進するもうひとつの要素は、メーカーが地域の規制や法令に適応するスピードです。規制機関は厳格な排出規制や安全基準の遵守を義務付けているため、プラント所有者は貴重な時間を監視や監査に費やさなければなりません。

L&Tテクノロジー・サービスでは、設計、エンジニアリング、プロジェクト管理、運用や保守の引継ぎにおいて包括的なソリューションを提供しています。また、プラントのライフサイクル全体にわたるデジタルソリューションのカスタマイズも承ります。EPCM（Engineering（設計）、Procurement（調達）、Construction Management（建築管理））の専門家として、弊社ではプラントの全段階においてサポートを提供します。

弊社ではコンサルティング主導型の手法により、下記の分野においてお客様をサポートしています。

- プロセスの合理化
- 作業停止時間に関する問題への対処
- 法令や規格の遵守

弊社のデジタルソリューションは、接続性とシナジーを高めるためのレガシーシステムからスマートプラットフォームへの移行や統合をサポートします。

L&T Technology Services Limited (LTTS) is a global leader in Engineering and R&D (ER&D) services.

With 550 patents filed for 53 of the Global Top 100 ER&D spenders, LTTS lives and breathes engineering. Our innovations speak for themselves – World's 1st Autonomous Welding Robot, Solar 'Connectivity' Drone, and the Smartest Campus in the World, to name a few.

LTTS' expertise in engineering design, product development, smart manufacturing, and digitalization touches every area of human lives - from the moment one wakes up till the time one goes to bed. With 52 Innovation and R&D design centers globally, we specialize in disruptive technology spaces such as 5G, Artificial Intelligence, Collaborative Robots, Digital Factory, and Autonomous Transport.

LTTS is a publicly listed subsidiary of Larsen & Toubro Limited, the \$20 billion Indian conglomerate operating in over 30 countries.

Specialists. Engineering Innovation.

L&T Technology Services – a name to reckon with. A niche global company in the Engineering R&D space, we were born out of the consolidation of the superior strengths of the Engineering giant Larsen & Toubro.

Over the years, we have earned our stripes. Today, our clientele includes a large number of Fortune 500 companies globally. As "Specialists, Engineering Innovation," we are all set to write the future of global Engineering R&D.

Service Offerings

Our business focus is on offering innovative design and development solutions across the product development value chain, for various industries such as Industrial Products, Transportation, Aerospace, Telecom & Hi-tech, and the Process Industry. We also offer services in the areas of Mechanical Engineering, Embedded Systems, Engineering Process Services, and Product Lifecycle Management; besides proprietary solutions in Engineering Data Analytics, Power Electronics, Machine-to-Machine, and the Internet-of-Things.

INDUSTRIAL PRODUCTS

At LTTS, our Industrial Product innovations speak for themselves:

- The world's 1st autonomous welding robot
- The world's 1st commercial mesh for grids and
- The smartest campus in the world

Our predictive maintenance modeling library combined with next-gen embedded and OT security solutions will give your Industry 4.0 vision a head-start.

MEDICAL DEVICE & LIFE SCIENCES

LTTS's rich domain expertise, supported by our robust technological capabilities, help medical device OEMs

- Address industry challenges
- Accelerate time to market and
- Optimize costs

At LTTS, we focus on delivering solutions that help OEMs create sophisticated medical device designs and then develop them with simplistic & robust delivery models.

We work with global medical device leaders, boosting operational efficiency across the product development and manufacturing processes. We have co-authored over 60 patents in the medical field and are a partner of choice for 6 of the world's top10 medical device companies.

PLANT ENGINEERING

The key objective for the manufacturers is to achieve operational efficiency and establish an eco-system conducive to innovation.

The only way for the industry players to retain market leadership is by introducing products at a faster pace than their competitors. This requires realigning the engineering cycle to accommodate and address every engineering change. Another factor that drives profitable growth is how quickly the manufacturers are able to adapt and deliver as per to the regional regulatory compliance norms.

Regulators are mandating compliance to exceedingly stringent emission and safety norms, forcing plant owners to spend precious hours on monitoring and auditing.

At L&T Technology Services, we provide end-to-end solutions in the areas of design, engineering, project management, and handover operation and maintenance. We also offer custom digital solutions over the plant lifecycle. As an engineering, procurement, and construction management (EPCM) specialist, we support every phase of a plant's lifecycle.

Our consulting led approach helps our customers

- Streamline their processes
- Address downtime issues
- Adhere to compliance standards

Our digital solutions help customers upgrade/integrate their legacy systems to smart platforms that drive connectivity and synergy.

ENGINEERING SERVICES FOR THE TRANSPORTATION INDUSTRY

The future of Mobility is going through a massive digital transformation. Our transportation engineering services are enabling OEMs to build innovative next-generation vehicles and aircrafts, and achieve faster time to market using digital technologies.

OUR APPROACH

We help our customers meet and exceed global transport safety protocols, emission standards, and regulations. Powered by a strong legacy of engineering excellence, our 360-degree service suite spans across

- Design
- Development
- Sourcing and
- Manufacturing

OUR VALUE PROPOSITION

- Over 150 patents co-authored by the LTTS team
- Stringent data security across policies, designs, and processes
- Cross-disciplinary skillsets, covering embedded and mechanical engineering
- Proprietary IoT platform UBIQWeise to power next-gen vehicles