Job Description

Job Name /Title:	Software Developer/Senior Software Developer/Technical Lead
Job Family:	Software
Job Location	Gurugram and Chennai
Candidate Experience	0-12 years
Candidate Skills	**Your Role within GX India:** As a Software Engineer you develop new software features and solutions for our fibre connectivity product portfolio. The position offers a wide range of possibilities to work with everything from low-level Linux drivers to high-level applications. You develop for various protocols and HW interfaces, often in complex network scenarios in combination with customer specific requirements. The team is responsible for all SW development for existing and new Home Gateways. This means development of Linux drivers, network functionality, remote Management (TR-069).The development is mainly done in C and in Linux environment, knowledge in Python is an add-on. Products and development are realized in Agile. **Your Experience & Skills:** To be successful in this role you should be well versed with the concepts of networking and comfortable in C programming in Linux environment for embedded software. As we use Linux, experience with this operating system is a mandatory requirement, knowledge and experience on OpenWrt is a bonus. Working experience with router software development for layer 2 and layer 3 features. **Domain knowledge required**: *Layer 2:* Ethernet, VLANs, L2 QoS, rate limiting, packet scheduling algorithms, IGMP snooping, Q-in-Q, VLAN manipulation, PCP rewrite. *Layer 3:* IPv4, TCP/UDP, IPv6, NAT, Firewall (iptables), DHCPv4, DHCPv6, IPv6 prefix delegation, Port forwarding, Source based routing, Policy based routing, L3 QoS, IGMP proxy, IPv6 MLD snooping, DNS, DNS proxy. Knowledge on VoIP is a bonus. **Management methods**: TR069, SNMPv2, CLI **Operating system:** Linux, OpenWrt **Programming languages**: C, Python Working for GX India means having a healthy interest in Software but most of all, you like to work in a team. You like to take initiative and have the “just do it” approach. Having the right mentality and attitude are more important for us than a degree. Dedication, investigation and responsibility are key words for us. **What we offer you:** Technical challenges in a dynamic, multicultural environment together with a no-nonsense corporate culture with market conform compensations and attractive benefits along with the opportunity to work with some of the best talent in the industry. This role is based in Gurgaon, India.

GX India Pvt. Ltd. (Formerly as Genexis India Pvt. Ltd.)

GX Group is European market leader in Fiber-to-the-Home (FTTH) products with over 20 years of experience, focused on Manufacturing and Development of FTTH products. Quality and innovation are our focus where we invest majorly in our R&D team developing next generation FTTH solutions. In 2012 we acquired former Ericsson FTTH end–user equipment and there with strengthened our position in the market even further.

At GX India we are convinced that we can make a difference in today's world, by combining state-of-the-art technology with a mission to provide open access broadband networks based on fiber. With the GX India CPEs (Customer Premises Equipment), our customers can revolutionize the cost-base of their networks and create reliable and future proof networks.

Our customers are worldwide network operators, providing open access to multiple service providers. With our subsidiary company "GX INDIA INDIA PVT. LTD. (GIPL)", we introduce GIPL as one strong quality supplier in India, contributing to the growth of the Telecom sector in the World's fastest growing and emerging economies.

GX Group Website

Our online presence: Facebook Twitter LinkedIn

GX India setup:

- In operation since beginning of 2013
- Complete local setup, with sales and technical support
- R&D setup, with office in Gurgaon, Haryana
- Local production plan- "Make in India"
- Customization of products, to meet customer's requirements
- Fully Trained After-Sales Support Team and 24 x 7 Global helpline service

Providing turnkey solutions / services to various Telecom Operator / Service Providers / Leading System Integrators

OUR VISION is to provide quality fiber broadband connectivity. To make this a reality, our mission is to manufacture and design the highest quality connectivity solutions for our clients: network operators, service providers, system integrators, and the end user.

OUR MISSION is to develop the right product for each market, supporting highest quality connectivity solutions for our clients: network operators, service providers, system integrators, and the end user.