**Job Title: Junior Developer**

**Location:** Bangalore

**Experience:**2-3+ years in software development, particularly in 4G/5G Protocols

**Education:**

* B.E./B.S./B.Tech./M.S./M.E./M.Tech. in Electrical Electronics/Computer Science (related branches will be considered)
* Strong academic background with excellent oral and written communication skills

**Responsibilities:**

* Assist in tasks ranging from systemization, design, to software development and testing of 5G features.
* Participate in SW design, implementation, and verification/integration under senior guidance.
* Develop and maintain automated test cases using Java, Perl, XML, Python.
* Collaborate with cross-functional teams to ensure feature development aligns with project goals.
* Document development processes and test outcomes comprehensively.

**Skills Required:**

* Basic skills in software design, C programming, and C++ programming on General Purpose Processors (GPP).
* Ability and willingness to learn and to work in an agile cross-functional teams
* Understanding of 3GPP radio access standardization & Cloud RAN concepts including algorithms, procedures, and protocols.
* Experience in developing and testing software for 5G Layer 1/Layer 2 protocols.
* Familiarity with test methodologies, tools, and simulators at the system and node
* Basic understanding of the Linux operating system and optimizing data processing paths using DPDK and Smart Network Interface Cards.
* Familiarity with Docker containers, Kubernetes deployment, Helm charts, and canary deployment.
* Proficient in using version control tools like Git, Gerrit, and Jira.
* Excellent knowledge in Java, Perl, XML, and Python for automated test scenarios.
* Experience with CI/CD principles and tools, such as Jenkins and Spinnaker.
* Knowledge about agile and lean methodologies.
* Self-driven and proactive approach.
* Excellent communication and documentation skills.
* Proficient in English.