

Title of Position: Protocol Testing

Overview: AlefEdge is the leader in the Edge Internet, which allows us to physically locate products and services closer to users. Alef's innovative architecture allows for 5G-style applications to work over 4G. New and existing networks benefit from our Edge architecture. In addition to its Edge overlay and enablers, Alef develops in-house Edge solutions and works with an array of partners to build the world's first Edge applications that leverage and realize Virtual and Augmented Reality, Artificial Intelligence, Industry 4.0, Smart Cities, IoT and Gaming. AlefEdge is headquartered in New York City, with offices in India and Brazil.

We are seeking curious and enthusiastic QA engineers to work collaboratively with a talented cross functional team of engineers. You are expected to be able to understand the feature requirements as well as software low level design to be able to independently develop test methodology and plans. (Applies even if you are keen to work in Automation 😊).. Hence, the desire and ability to learn, unlearn and relearn stacks right up there! Still interested 😊? Scroll below for more details:

Job Description:

Contribute in the testing the following areas to name a few:

- Wireless mobility protocol handling – 3G / 4G
- IETF based protocols
- Call flows for 3G/4G
- Packet processing/forwarding/routing
- Test Tool development/integration

The candidate is expected to be able to understand the feature requirements as well as software low level design to be able to independently develop test methodology and plans. Participation in design reviews, as well as some "on-field" testing maybe required

Minimum Qualification: B.E in software/computer science or M.Sc Computers from reputed university

Previous Work Experience: 2-7 years of experience in software testing (preferably of networking domain)

Skills:

Must-have

- Experience with networking or systems software and libraries in a Linux environment
- Experience in TCP/IP, DIAMETER, RADIUS, GTP protocols etc
- Exposure to 3GPP wireless packet core technologies

Desirable

- Experience with virtualization is a plus
- Working on adapting/integrating third-party (or open-source) software into test environment
- Hands on scripting experience like python, perl, shell, tcl, expect
- Experience in monitoring solution, analytics, etc.

- Good to have experience in Cloud technologies like AWS, Azure