

Job Opening: Embedded QA Engineer – Ahmedabad

Background

Tvilight B.V. is a European market leader in professional end-to-end lighting control solutions, with an installed base of over 600 projects in iconic cities across the globe. We specialize in sensors, wireless lighting controls, lighting management software and asset management for outdoor applications. We see street lights as one of the most valuable public assets that have a powerful role to play in making cities energy-efficient, resilient and future-ready. Tvilight products create an independent open network that allows integrating a multitude of third-party applications and thus constitute a reliable, future-proof base for a Smart City and IoT. The Tvilight development team consists of backend/ frontend, firmware and hardware engineers located in Groningen, the Netherlands and Ahmedabad, India.

Job Profile

We are looking for Embedded QA Engineer with **good hands on experience** in manual and automated testing for our IoT platform which comprises of gateway, RF devices and software components like web-based software and mobile applications. The QA Engineer must be willing to work on Embedded and non-Embedded domains and should have strong background in electronics to be able to work with wiring and connecting various devices and sensors. The QA engineer must be able to deliver QA/QC processes & test-results that meet highest standards of quality.

This position is for TVILIGHT India Location (Ahmedabad).

Job Role

Embedded QA Engineer

Suitable Experience Range

2 to 3 Years

Key Responsibilities

- Analyze new features based on requirements defined and build elaborate test-cases around it.
- Should be able to write & maintain functional and non-functional test cases & system-level test cases.
- Should be comfortable and willing to work with both Manual and Automated testing. Some of the testing processes must necessarily be done using automated testing which will require writing test-scripts using some standard frameworks for both web and embedded platforms.
- Should be able to work under pressure and yet deliver good quality software releases.

- Should be able to multi-task on several testing projects.
- Should be able to measure and share test-metrics and quality of testing.
- Should be accustomed to working in an Agile environment.
- Must collaborate with development teams and business stakeholders to understand release roadmap priorities and accordingly work in a team to support timely QA releases.

Professional Qualities/Skills needed

- Should be goal-driven with solution-oriented mindset and should meet deadlines with positive attitude.
- Good knowledge of Python, Perl and Bash scripting, preferably in an embedded linux environment.
- Good knowledge on Software QA methodologies, tools and processes. Familiar with using Selenium, Junit etc. tools in testing web front.
- Experience in writing well-structured test-plans and comprehensive test-cases.
- Demonstrate the ability to setup the required hardware for embedded testing which includes wiring the devices with sensors, prepare test-bench, flashing firmware etc.
- Should have worked with at least one of the adequate tools like test-link, JIRA, Bugzilla, MANTIS.
- Should have testing experience on key interfaces such as SPI, I2C, UART, SDMMC.
- Should have embedded linux filesystem knowledge.
- Independently take proactive lead in setting up test environments wherever needed.
- Experience in using GIT/Bit-bucket, JIRA and Confluence is nice to have.
- Experience working with IoT protocols (BLE-MESH, ZIGBEE, NBIOT, LORAWAN etc) is a big plus.

Suitable Qualification:

- Bachelors or Masters in Electronics/ICT from a reputed Engineering College
- B.Sc Science (Major Electronics)

Contact Details

We offer a competitive salary, and a casual and fun environment that encourages creativity & excellence.

Email: hr-india@tvilight.com (subject ID: Job application: EQAE)

Phone: +91 63 5266 2840

Website: <https://www.tvilight.com/>

Job location: Ahmedabad, India