

Company: Tata Elxsi Limited  
Position Title: Software Developer  
Location: 2701 Troy Center Drive, Suite 125, Troy, MI 48084  
and unanticipated client locations throughout the U.S.

Position Responsibilities: Work on product specifications drawn up by software architects. Investigate the field issues reported by customers, perform log analysis and derive steps to reproduce the issue in lab. Identify the root cause of the issues, using packet captures and performing code analysis. Implement the features and enhancements. Develop automation solution TRAXION X-Tech to help Video and Comcast X1 device to self-heal, in case of any issues and improve troubleshooting tools. Review the implemented feature or fix, and get fixes reviewed by peer programmers. Suggest code optimizations. Create software build on a build machine with all the fixes and upgrade the software build on the cable gateway device. Identification of all the issues in the pre-rack boxes and monitor the health of Set Top Boxes and add new features to TRAXION X-Tech to solve the new issues occurred in the different STBs and gateways. Interacting with different STB, SOC and third-party vendors to suggest necessary design/architecture changes. Perform reboot and telemetry analysis on field devices to monitor any new issues. Analysis of Wi-Fi issues reported by users and analyzed and tracked on a per ticket/customer basis. Proactive issue analysis using Telemetry and Splunk dashboards. Attend scrum calls and engage in technical discussions with development team and syndication partners. May require to travel/telecommute approximately 30%, as required. May be assigned to various, unanticipated sites throughout the United States.

Position Requirements: Bachelor's degree (or foreign equivalent) in Computer Science, Information Technology or a related IT field PLUS three (3) years of experience in the job offered, or in an IT position. Professional experience must include demonstrable knowledge of: Developing automation tools using Python or Java to automate the triage process; Wi-Fi, Video and broadband CPE devices, and RDK; debugging software developed on Linux platforms; Splunk, Tabelau and Kibana; Agile environment and JIRA; and designing, implementing, monitoring, enhancing and troubleshooting Video and Broadband CPE devices. Multiple positions available. May require to travel/telecommute approximately 30%, as required. May be assigned to various, unanticipated sites throughout the United States.

To apply, please email resume to [nirbhayd@tataelxsi.com](mailto:nirbhayd@tataelxsi.com). Reference job code R3168-00543.