



COMPANY & POSITION SUMMARY

COMPANY: Polaris Wireless (www.polariswireless.com)
POSITION: Software Quality Assurance (QA) Lead
REPORTS TO: Software QA Manager

ABOUT POLARIS WIRELESS

Polaris Wireless, a Silicon Valley based company, offers commercial wireless location products that make the delivery of location-based services (LBS) economically feasible. Polaris's products address both the E911 public safety market, as well as commercial location-based applications. Recent market studies predict that demand for location-based services delivered over wireless networks will become a significant contributor to carriers' revenues, with the majority of sales coming from the information and emergency service sectors -- wireless Internet and personal security markets. Polaris's Wireless Location Signatures (WLS) product is an extremely economical solution to the location determination problem, because no changes to the handsets or to the network operator's base stations are required.

Polaris's objective is to become the leading provider of low cost location technology to the wireless industry worldwide. Based on revenue from the E911 product, Polaris was breakeven financially in 2003. In addition, the company has completed and passed E911 accuracy certification testing according to the FCC Office of Engineering and Technology (OET) Bulletin 71 testing guidelines with customers, Triton PCS (an AT&T Wireless affiliate) and Rural Cellular Corp (RCC). The company has conducted extensive field trials of its technology with two of the largest GSM carriers in the world, Orange UK and Vodafone Europe. In blind competitive testing with Vodafone, the accuracy of Polaris's technology won against eight other location technology companies, including major infrastructure vendors and smaller companies.

Polaris Wireless has received two rounds of equity financing, principally from Draper Fisher Juvetson (DFJ), a Silicon Valley based venture capital firm, DFJ ePlanet, based in London, UK, and Centre Palisades of Los Angeles. The company has a business plan that allows it to be self funded as it grows.

ABOUT THE POSITION: Senior Software QA Engineer /Lead

Overview of Responsibilities

The Software QA Engineer:

- Shall provide technical leadership for all aspects of software system testing.
- Shall own, develop, enforce and maintain the software quality plan.
- Shall define and execute the system software test process and strive for >50% automation.
- Shall provide hands-on technical leadership for all system test activities, leading a team of system testers who may be geographically distributed.
- Shall conduct performance and system testing and lead the teams for delivering high quality world-class products.

- Shall interface closely with the development groups, providing input on functionality and design, and assisting in functional testing.
- Shall work closely with the Operations group providing the first-line interface to engineering.

Qualifications

- BS in CS/EE (MS preferred).
- 7+ years of software QA/software development experience.

Responsibilities will include, but are not limited to:

- Evaluate existing test methodologies, automation framework and tools;
- Develop test cases, perform data validation, Conduct performance, system testing
- Write scripts to test the product using Perl, Shell, Python & Tcl/Tk scripts,
- Drive the QA processes and methodology to deliver a world class product.
- Perform root cause analysis to identify problems in design and/or implementation

Job Requirements:

- Test methodologies: API testing, integration, regression, System, performance testing, etc.
- Exceptional experience in Scripting, Perl, Shell, Python, Tcl/Tk & SQL
- Proven experience in QA life cycle, from test plan, test execution, to reporting bugs
- Knowledge of software development models and their impact to testing
- Experience in networking, TCP/IP, Routing and SS7, Scripting and Unix
- Understanding of wireless standards/protocols preferably GSM and/or UMTS at both network and Radio interface and/or exposure to RF network engineering
- Strong experience and demonstrate ability in test automation
- Demonstrated project management and group leadership (track record of accurate scheduling, planning, and delivering quality products).
- Co-coordinating with off-shore teams for monitoring test execution
- Excellent Oral and written communication skills

Desirable:

- Background in C, C++, Java
- Experience of presentations to customers at all levels

Located in Santa Clara, CA. Polaris Wireless is seeking an intelligent, talented, creative, and motivated individual of the highest personal integrity to join their team. Polaris Wireless offers competitive compensation, with a significant options package and a generous benefits plan, which includes a 401(K) program.