



Title: QA Test Engineer
Location: Petaluma, CA
Reports to: Manager of Quality Assurance

Overview

HydroPoint Data Systems, Inc. is seeking a full-time QA Test Engineer to help our customers (and the planet) use water as efficiently as possible.

The QA Test Engineer must have initiative, drive, and a strong work ethic. The ideal candidate can provide a detailed test plan based on functional requirements, manage testing and bug reporting. The QA Test Engineer must be able to thrive with minimal supervision as they work closely with the development team. The candidate must also have a proven track record of application, database, and embedded software testing for quality assurance. The successful individual will possess the following skills, abilities, attributes and technical expertise.

Our Tech Stack

- .NET Framework, Windows, IIS
- C#, ASP.NET MVC, Web API, MSMQ, WCF
- JavaScript, jQuery, Angular, HTML, CSS
- SQL Server

Key Responsibilities

- Testing cloud service platform from front-end web applications to back-end data processing
- Testing mobile iOS and Android applications that control IoT devices.
- Testing IoT device protocols (UDP and WTP), electrical interfaces, and environmental chamber.
- Creating test plans based on product requirements, specifications, and on the fly discussions.
- Working with customer service and IT to address escalation issues, bugs, and support requests.
- Managing, installing, maintaining QA environments in IaaS and PaaS
- Automating QA testing to improve speed and coverage using Python, C, C#, and SQL

Required Skills & Experience

- Experience testing web applications and tools, including complex UI
- Familiarity testing native mobile apps on both iOS & Android
- Experience with validating RESTful APIs
- IoT devices & hardware



Desired Skills & Experience

- Irrigation background
- Python
- Jira
- Confluence
- AWS
- Microsoft Windows Server 2012
- Microsoft SQL 2012
- Visual Studio 2017
- Microsoft's .net framework
- Virtual Machines
- Microsoft Message Queues
- Microsoft IIS
- Microsoft's C#
- C, C++
- Performance Testing

Background

- Bachelor's degree in Computer Science, Computer Information Systems, IEEE, or Quality Assurance related.
- Five or more years of experience in software quality assurance
- Embedded software products testing
- Wireless cellular device testing experience (or telecommunications background) desirable
- IoT testing experience desirable
- Hardware testing

About HydroPoint

HydroPoint is the leader in smart water management solutions, helping companies to maximize water savings, reduce operating costs, minimize business risks, and achieve sustainability goals. An EPA WaterSense® Partner of the Year, the company combines the latest in IoT technology, data analytics, and automation to optimize irrigation, flow management, and leak detection across an entire site. HydroPoint solutions deliver visibility and control for a broad range of commercial, government, education, and community applications. Located in the San Francisco North Bay, HydroPoint has been helping the world save, and not waste, water for more than 15 years. Our mission is to make the best and most efficient use of our world's most important resource.

HydroPoint provides a competitive compensation package including salary, incentive stock options, 401(k) retirement plan, paid time off and holidays, and comprehensive health benefits.