



POSITION DESCRIPTION

Job Title:

Verification and Validation Test Engineer

Location:

Irving, TX 75063

Reports To:

Vice President of Engineering

About Austco

Austco is a global manufacturer of hospital and clinical communications hardware and software. We make innovative products that help nurses and caregivers as they care for their patients. Established in Perth, Australia in 1986, Austco builds the most advanced nurse call and clinical communications technology in the world.

Austco's corporate head office is located in Melbourne, Australia. Our international offices are in the USA, Canada, the UK, Singapore, and New Zealand. The R&D and Order Fulfilment business units are based in Dallas, Texas.

Primary Purpose

The Verification and Validation Test Engineer will be engaged in verifying and validating product designs according to the internal quality standards in compliance with the FDA requirements. This position provides support to systems engineering team to meet project deliverables in the completion of product development, verification, validation, and delivery.

Project deliverables may include execution of verification and validation plans, execution of the required test protocols (test cases), test automation, progress and issues reporting and resolving deviations.

Primary Responsibilities

- Create and execute verification and validation plans in accordance with established guidelines.
- Write test procedures (test cases) and ensure execution of all verification and validation tests as required.
- Design, develop and execute automated test scripts from software requirements and contribute to developing of automated testing infrastructure.
- Perform defects management according to the defect management workflow.
- Participate in tools (and technologies) selection for test design and execution.
- Participate and contribute to engineering design reviews.
- Create test reports in compliance with regulatory requirements.
- Document and maintain traceability for all verification and validation activities.
- Demonstrate total ownership, accountability, and commitment to the testing deliverables.
- Monitor and improve V&V processes to improve product quality and ultimately improve customer satisfaction.

Required Qualifications and Experience

(Must Have):

- 2+ years of experience in design verification or validation with emphasis on software testing methodologies in a regulated environment (manual and automated testing).

- Bachelor's or master's degree in computer science or computer engineering
- Solid experience in creating test cases using established software quality assurance practices.
- Expertise in testing Web applications, Desktop applications, and Server applications.
- Extensive knowledge in testing Web API's and RESTful web-services.
- Good working knowledge of SQL to perform backend database testing.
- Experience using performance monitoring tools.
- Mobile (iOS and Android) testing experience.
- Strong understanding of networking concepts (Routing, DNS, IP, etc.).
- Experience with Virtualization and containerization technologies (Docker, VMWare ESXi etc.).
- Experience with Linux and shell commands/scripts.
- Keen desire to learn new concepts and procedures.
- Take Initiative, strong time management skills, and commitment to requirements.
- Excellent communication skills both written and oral.
- Ability to work under pressure and plan workloads as appropriate.
- Strong analytical and problem-solving skills.
- Collaborative team player.
- Effectively troubleshoot complex issues.
- Ability to prioritize and consistently meet deadlines.

Highly Desirable:

- Test case automation and ability to create reusable automated test frameworks.
- Familiarity with commercially available test automation tools (Ranorex and/or Selenium).

Nice to have:

- Experience in setting up and testing highly available server solutions.
- Experience in IP Technologies, VoIP Telephony, and Web: Http and Https.
- Working knowledge of LDAP services, SMTP, and SNMP.
- Experience in performing performance and load testing and interoperability for mobile, VoIP, Web API and web sockets.
- Experience reading, testing, and manipulating XML, JSON and other data formats such as HL7.
- Familiar with Agile development methodology (Scrum, Kanban).
- Knowledge of healthcare communication systems.

****Benefits Overview****

- Competitive salary, depending on experience
- Healthcare including Medical, Dental, Vision, FSA, Company Wellness Program
- Short-Term Disability, Long-Term Disability, Life Insurance
- 401k contributions and 401k Company Match (3%)
- Paid company holidays, sick days & vacation days
- Team Lunches and Happy Hours
- Relaxed dress code

Austco Healthcare provides equal employment opportunities to all persons. No employee or applicant for employment will be discriminated against because of race, creed, origin, marital status, sexual orientation, age, otherwise qualified disabled or veteran status, or any other characteristic protected by law.