Job Description: Senior Software Quality Engineer
Cala Health, Inc.

About Cala Health

Cala Health Inc., an award-winning bioelectronic medicine company headquartered in the San Francisco Bay area, is transforming the standard of care for chronic disease. The company's wearable neuromodulation therapies utilize electricity as medicine, merging innovations in neuroscience and technology to deliver individualized peripheral nerve stimulation, while its vertically integrated commercial model is transforming the delivery of prescription therapies. Cala Health's lead product, Cala Trio™, is the only non-invasive, wrist-worn prescription therapy currently available for essential tremor. Cala Health has new therapies under development in neurology, cardiology, and mental health, and is backed by leading investors in both healthcare and technology. For more information, visit CalaHealth.com.

Our DNA

We're here to empower people to experience greater control over their chronic conditions and more freedom in their daily lives. Our science-first approach and rapid yet rigorous clinical development means we seek excellence in everything we do for customers and our teammates. Inspired by our work, and the talented team members who work with us, we're united in our collective goal to bring about improved, lasting patient outcomes.

Join us in building a better future.

The Opportunity

Cala Health is seeking a Senior Software Quality Engineer (SQE) to join our growing team. The role will report to Director Quality and Compliance.

Specific Responsibilities also include

- Actively participate in product development cycle by developing appropriate software test strategies, including detailed test plans and test architectures. Provide input to product risk assessments.

- Effectively collaborate with a diverse set of engineers, data scientists and leaders to improve quality.

- Execute and report on planned software testing. Monitor test execution across multiple code branches and multiple platforms.

- Ensure defects are tracked through resolution. Assist development team with replicating and debugging problems.

- Responsible for writing and executing testing strategies including test data generation and management.
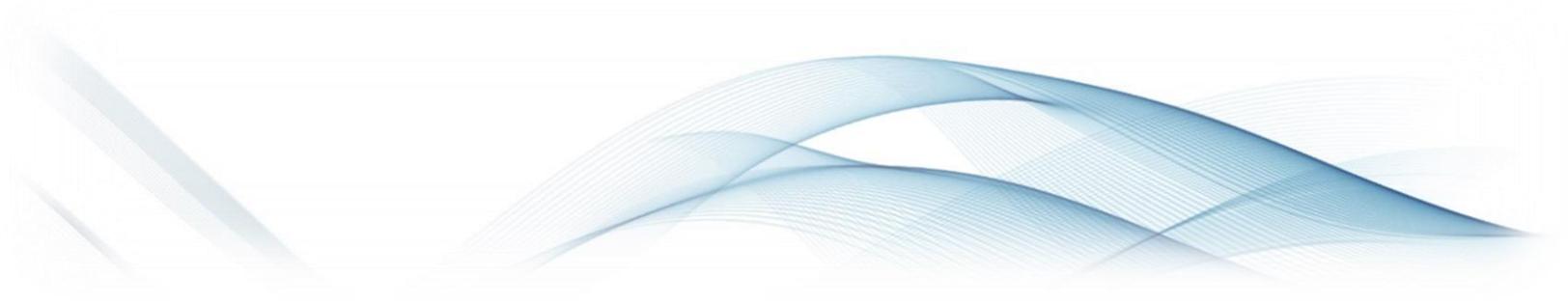
- Create complex tests to inject data into integration points in the system, reading the results and doing detailed comparisons of actual versus expected results.

- Accurately estimate the effort required for projects and tasks. Develop plans and schedules based on these estimates.

- Direct other SQEs to ensure software test coverage for new and existing products.

- Review field defects and learn how they could have been prevented or detected prior to release.

- Use tools to assess the coverage of test suites and recommend additional test cases.

- Interpret & load data sets, troubleshoot and isolate performance problems using different tools like Blazemeter, New Relic and VisualVM.

- Use quality metrics and tools to measure and publish those metrics; ie: SonarQube, JaCoCo/EMMA, Checkstyle, PMD and other linters.

- Recommend and lead corrective and preventive actions to improve software product quality.

- Lead software complaint investigations and trending; document findings and provide reports and analysis.

- Provide solutions to a wide range of difficult challenges. Work independently to determine and develop solutions that are imaginative, thorough, practicable, and consistent with organizational objective

Desired Skills and Experience

We are looking for a Sr. Software Quality Engineer to support sustaining and new product development in a dynamic, fast-paced startup environment, exemplified by:

- Bachelor's degree in Engineering or similar related field, Computer Science preferred.

- 7+ years in software engineering or software quality engineering.

- Prior experience with medical device software.

- Experience with AWS technologies such as S3, SQS, SNS, CloudWatch and knowledge of how to work with Python and automation frameworks as part of their tests.

- Hands-on scripting and/or programming experience.

- Experience with API testing or integration.

- Experience with FDA Quality System Regulations, Medical Device Directive, ISO 13485, ISO 14971, and ISO 62304 standards preferred.

- Some knowledge in one or more of the following areas: C/C++, Linux/Unix, Java, External Communication (BLE, wireless).

- Experience with implementing and improving Cybersecurity programs

- Excellent oral and written communication skills.

- Skilled in product risk assessment, requirements management and tracing, defect tracking, configuration management techniques, and how they are applied in the software development lifecycle.

- Statistical/data analysis and report writing skills.

- Ability to leverage and/or engage others to accomplish projects.

- Multitasks, prioritizes and meets deadlines in timely manner.

Cala Health believes our success is based on diversity of people, teams and thinking. We offer all employees the tools, training and mentoring they need to succeed. Our selection process is driven by the key requirements for the role rather than bias or discrimination on the basis of a candidate's sex, gender identity, age, marital status, veteran status, non-job-related disability/handicap or medical condition, family status, sexual orientation, religion, color, ethnicity, race or any other legally protected classification.

If you or someone you know might be interested in this position, please submit a resume & an introductory email to **careers@CalaHealth.com**.