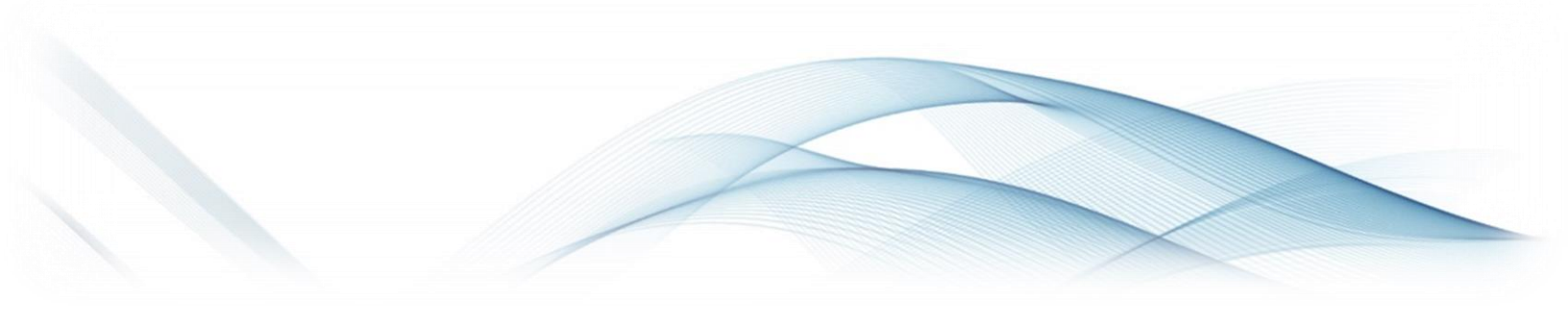# AWS Infrastructure Engineer

About Cala Health

Cala Health is a medical technology company pioneering a new class of electrical medicine called neuroperipheral therapyTM. Neuroperipheral therapy treats chronic disease non-invasively, without drugs or surgery, by stimulating peripheral nerves with body-worn electronics. Merging innovations in neuroscience, electronics, and medical devices, Cala Health has recruited experts across these fields to develop new therapies for patients. The company was spun out of Stanford University and is venture backed by leading investors in technology and healthcare, including Johnson & Johnson, GV, dRx Capital (Novartis/Qualcomm joint investment), Lightstone Ventures, Lux Capital, and Action Potential Venture Capital (GlaxoSmithKline). If you are passionate about healthcare and want to join a dynamic team of committed professionals, please consider this opportunity.

The Opportunity

Cala Health is seeking an Infrastructure Engineer to join our growing team. This individual will build, design, develop, test, deploy, and maintain and enhance full-stack software solutions. Other duties include the following:

- Provide cross functional technical leadership to deliver Data Warehousing solutions to service the machine learning and clinical research aspects of the platform.

- Effectively manage project priorities, deadlines, and deliverables. Serve as a technical expert for other software engineers.

- Work closely with the Development Team to improve CI/CD pipelines, as well as continually improving the operation and performance of the Data Warehouse.
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- Organize, plan, track and close, and document design problems associated with product performance in Development, Manufacturing and in the field.

- Develop specifications, architectures, designs, schedules, test plans, etc. related to product development activities and product upgrades.

- Propose corrective actions or changes to design, processes, or procedures when necessary.

- Complete all engineering documentation related to assigned projects including plans, technical reports, project notebooks, and design input, technical drawings.

- Participate in coding, reviews, and verification activities as required.

- Work with the Regulatory/Quality department to ensure that design and test specifications for the system meet or exceed all applicable regulatory standards and all risks are identified and mitigated to an acceptable level.

- Participate in software process improvement activities.

- Support company goals and objectives, policies and procedures, the Quality System Regulation, ISO/MDD regulations, and other regulatory requirements.

- Maintain a professional, credible image with key physicians, consultants, suppliers, and co-workers.

Desired Skills and Experience

- Bachelor's degree in Computer Science is strongly preferred.

- A minimum of ten (10) years of hands-on experience in software development including design, implementation, debugging, support and building scalable system software and/or services.

- Expert knowledge of Python with experience in deployment using Docker in AWS environment.

- Deep understanding of distributed, message driven systems.

- Experience in applying data structures, algorithms, and object-oriented design to solve challenging problems.

- Experience working with REST patterns and other client/server interaction models.

- Experience working in the AWS Services Ecosystem or relevant Cloud Infrastructures such as Google Cloud or Azure.

Cala Health offers a competitive compensation and benefits program as well as a progressive work environment. We are an equal opportunity employer. If you or someone you know might be interested in this position, please submit a resume & an introductory email to **careers@calahealth.com.** More information about Cala Health can be found at **www.calahealth.com**