Meet Siemens Healthineers

Siemens Healthineers: Our brand name embodies the pioneering spirit and engineering expertise that is unique in the healthcare industry. The people working for Siemens Healthineers are totally committed to the company they work for, and are passionate about their technology. In this section we introduce you to colleagues from all over the world – people who put their hearts into what they do.

Michael da Silva

Michael da Silva has turned a childhood fascination with biology, anatomy, and physiology into a career. His interest in the human body led him to study radiology at university and complete an internship in MRI. After graduating, he continued his education, earning a postgraduate degree in biomedical engineering and an MBA in business intelligence. Michael went on to work in various technical and educational roles, including as a magnetic resonance technologist, a university professor, and an application specialist. He also worked in a number of administrative roles, including as a reference technician and a radiological protection supervisor. Michael joined Siemens Healthineers in 2021, starting out as an MR application specialist. Three years later, he moved into his current role as an MR collaboration specialist for Latin America.

Rio de Janeiro,
Brazil

How did you first come into contact with MRI?
My first contact with magnetic resonance imaging was in a book that I received as a gift at the beginning of my studies. My first real contact was as an intern during my degree. The internship gave me the opportunity to learn about the processes of executing, programming, and documenting exams on various systems from 0.5T to 3T.

What do you find motivating about your job?
It's really motivating to be part of a multidisciplinary area, where anatomy, physics, and physiology come together and there is always something new to explore. As a collaboration specialist, my main motivation is to be able to support customers in using the equipment to carry out clinical research, and to guide them on optimizing protocols and sequences. In addition, I enjoy providing solutions to customers' requests. I'm always seeking out different ways to ensure the success of their research.

What are the biggest challenges in your job?
One of the biggest challenges in my work is also the greatest privilege: the ability to learn every day. As I am a collaboration specialist in MR, I provide support that covers a wide range of topics, ranging from adapting a protocol or a sequence for clinical research to supporting projects, identifying the requester's needs, and providing guidance so that they can start their project.

What are the most important developments in healthcare?
I believe that developments in automation and the use of artificial intelligence are intertwined with developments in healthcare. I would like to mention as an example myExam Cardiac Assist, which is a fully automated system that facilitates the execution of the exam and promotes assertiveness in planning. When I started working in the MRI area about 20 years ago, performing a cardiac exam was extremely complex. Today, we have yet another tool that facilitates the performance of the exam through automation, which is amazing: The Beat Sensor recognizes the heartbeat without the need to use the electrodes. This supports the service workflow and improves the patient experience.

What would you do if you could spend a month doing whatever you wanted?
Professionally, I would like to spend a month working in and learning about product development in MR – from the conceptual phase to the final phase, and even how ideas for new products and solutions are born. On a personal level, I would spend a month with my family and cook for my wife and daughter, as one of my hobbies is gastronomy. I love to invent things in the kitchen.