Dr. Sastry grew up in Tampa, Florida. After graduating from high school as the valedictorian, he was accepted into the University of Miami's combined BS-MD program on a full academic scholarship. At UM, he developed a strong interest in ophthalmology and scientific research while working in the Molecular Neuroscience and Ophthalmology laboratory at the Bascom Palmer Eye Institute where he conducted research on differential protein expression in corneal endothelial cells. As a result of his work, Dr. Sastry received multiple research scholarships and was awarded his Doctor of Medicine with Research Distinction.

Following an internship in General Surgery at Huntington Hospital in Pasadena, CA, he completed his residency in Ophthalmology at the University of Southern California Roski Eye Institute in Los Angeles. As a resident, Dr. Sastry received the Resident Research Award from the Department of Ophthalmology and was selected to serve as the Chief Resident in his final year. He then completed his fellowship in Vitreoretinal Surgery at the Duke University Eye Center. During his time at Duke, he conducted cutting-edge interdisciplinary research on subretinal drug delivery and intraoperative imaging. This work earned him numerous awards including the prestigious Robert Machemer Foundation Scholarship. He also received several awards as a fellow for his surgical videos including the American Society of Retina Specialists Film Festival Award for best surgical video.

Dr. Sastry joined VitreoRetinal Surgery in 2020. He is an active member of the American Academy of Ophthalmology, the Association for Research in Vision and Ophthalmology, and the American Society of Retina Specialists. He has published numerous peer-reviewed articles, book chapters, abstracts, and surgical videos, and has also served as an editor and reviewer for several ophthalmic medical journals. Dr. Sastry is passionate about international ophthalmology and has spent time at the Sankara Nethralaya Hospital and Srikiran Eye Institute in India where he trained residents and performed free cataract surgery for the most underserved communities.

Outside of work, Dr. Sastry enjoys spending time with his wife and family. His hobbies include piano, chess, yoga, meditation, and studying philosophy.