Sadanand Giraddi
35 Bargeddie Street Glasgow
(Ready to relocate) United Kingdom
G33 1PA
sadanandvg14@gmail.com
+44 7776830094
https://www.linkedin.com/in/sadanand-vithal-giraddi/

Hiring Manager
Compute Maritime

Dear Hiring Manager,

I am writing to express my strong interest in the Machine Learning Engineer position at Compute Maritime. With a Master's degree in Robotics and Autonomous Systems from the University of Lincoln, and extensive hands-on experience in machine learning, AI-driven solutions, and geometric deep learning applications, I am excited about the opportunity to contribute to your mission of transforming the maritime industry with AI, high-performance computing, and quantum technologies.

Throughout my academic and professional journey, I have developed a solid foundation in machine learning, computer vision, and AI optimization. For my Master's dissertation, I tackled the complex challenge of brain tumor segmentation in 3D MRI images using advanced techniques such as 3D U-Net architecture. The project involved optimizing hyperparameters and analyzing large datasets, which resulted in significant improvements in segmentation accuracy. This experience not only enhanced my technical skills but also strengthened my problem-solving and analytical abilities, which I believe would be valuable to Compute Maritime in its cutting-edge AI-driven projects.

Additionally, during my internship at Pantech Solutions, I worked on a variety of AI and machine learning projects, including the development of advanced AI chatbots and the deployment of machine learning models using TensorFlow, PyTorch, and scikit-learn. I further honed my expertise in MLOps, handling model deployment and integration into production workflows while ensuring reliability and performance optimization. These experiences have provided me with a comprehensive understanding of the full machine learning lifecycle and the importance of deploying robust, scalable models.

At Amazon, my recent role as an Associate - Sortation Operative allowed me to work in a fast-paced environment where I actively collaborated with teams to identify operational inefficiencies and implement automation solutions. This role reinforced my ability to troubleshoot, optimize workflows, and adapt to challenges, all while maintaining a focus on improving system scalability and efficiency.

I am particularly drawn to Compute Maritime's commitment to leveraging AI and quantum technologies for sustainable maritime solutions. I am eager to apply my skills in machine learning, cloud platforms, and industrial applications to help drive innovation within your organization. I am confident that my technical background, combined with my passion for AI and problem-solving, makes me an ideal candidate for this position.

Thank you for considering my application. I look forward to discussing how my skills can contribute to your team. Please contact me at (+44) 7776830094 or via email at sadanandvg14@gmail.com.

Yours sincerely,

Sadanand Vithal Giraddi