



**APAR HEALTH SERVICES LLP**

Date: 28th August 2024

## **To Whom It May Concern**

I am writing to strongly recommend Ayushman Puri, a student of grade XII at Overseas Family School, Singapore for graduate studies in Biomedical Engineering.

I have had the pleasure of observing his dedication and passion for biomedical engineering when he joined APAR Health under Student Program for Advancing Research Knowledge (SPARK), in the summer of 2024.

APAR Health is working towards upskilling the next generation of health researchers. With renowned national and international subject matter experts, APAR Health provides training opportunities to budding students and professionals to develop transferable skill in healthcare. Under this 1-month program, he gained hands-on experience and knowledge in the field of healthcare and research.

He started his learning journey with intensive online learning in health research, understanding types of research studies, research methodology and conducting a literature review and publication.

For his hands-on project, he worked with a MedTech Startup organization EXOBOT Dynamics ([Exobot – Future of Bionic Limbs](#)), developing India's 1<sup>st</sup> Bionic Prosthesis amputated limbs, in collaboration with Indian Institute of Technology, Delhi.

At EXOBOT he engaged with the team of experts to understand the biomechanics, material science and key components of Bionic Arm like Biomimetic Design of the Prosthesis, Advanced Sensors (to measure muscle activity), Microprocessors and Control Systems which translate user intent to motor commands.

After the practical experience of understanding the intricate design process, Ayushman collaborated with his mentor Mr. Munish Sharma, CEO, EXPBIOT to write a review article on the topic **“Advancements in upper body prosthetic limb technology providing effective solutions for medical amputations for the young population”**.

The research showcases his technical proficiency and ability to collaborate effectively with multi-disciplinary team, a skill crucial while engaging in a project environment and time-based assignments and tasks.

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-2-

We also noticed Ayushman's innate ability to empathize with the end-users which drives his passion for creating best possible solutions. He demonstrated how understanding patient experience is critical to enhance the features of the Biomedical Device.

In addition to his technical expertise and strong Analytical skills, Ayushman is highly motivated and demonstrates a strong work ethic and willingness to go above and beyond in every task.

Ayushman's curiosity and the quest to explore the ecosystem of medical technology and its application in healthcare makes him an ideal candidate for a career in the field of Biomedical Science.

We are happy that we could provide opportunity to Ayushman to explore his interest in the field he aspires to study. The team at APAR Health and EXOBOT enjoyed their interactions with Ayushman, and we wish him success in his graduate studies.

Dr. Pooja Sharma  
CEO APAR Health