



Hasnain Saleem Jabbar

HIP V. HYPE SUSTAINABILITY
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With a background in Mechanical and Aeronautical Engineering, Hasnain joined HIP V. HYPE Sustainability as a Graduate Engineer. Deeply passionate about fluid and thermal sciences, Hasnain intends to bring his engineering perspective to sustainable building design.

Hasnain's academic career has covered a diverse array of projects from developing a Thermal Control System for a nanosatellite to modelling the Human Circulatory System in order to test drug efficacy. The common thread that runs through each of his projects is a drive to design integrated systems with positive social and sustainable implications.

Fascinated by the aeroplane from a very young age, Hasnain decided to pursue aeronautical engineering in Bangalore, India. During this time, he was exposed to structural design, wind engineering and design for integration. Very quickly his passion grew to encompass systems which produced work and energy based on mechanical and electrical stimuli. His interest in mechanical engineering and love for the Australian way of life brought him Down Under to pursue a master's degree in Mechanical Engineering from the University of Melbourne.

Whilst undertaking his masters, Hasnain worked on several projects focused on improving existing systems using passive design principles and the judicious use of resources. His primary passion lies in thermal modelling and computational fluid dynamics.

Hasnain enjoys working with people from diverse cultural and academic backgrounds. He believes diversity and inclusion is an integral part of any professional work ethic and is essential to the success of an organisation.

Outside of the world of academics, Hasnain finds time to channel his passion for teaching by tutoring senior students in science and mathematics. When he's not working on modelling new systems, he enjoys spending time cooking for friends and family.

Hasnain strongly believes that sustainability is no longer a luxury but essential to sound building design. He is committed to use his technical knowledge to approach complex sustainability problems from an analytical standpoint to produce designs that enrich people's lives.

Formal Qualifications

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- BACHELOR OF AERONAUTICAL ENGINEERING, VISVESVARAYA TECHNOLOGICAL UNIVERSITY
 - MASTERS OF ENGINEERING (MECHANICAL), UNIVERSITY OF MELBOURNE
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