Since my childhood days, I have been fascinated with automatic toys which involved quite a lot of mechanics including the sound based responses and reactions embedded in them. In later years, I was exposed to modern tech gadgets like computers and smartphones. I started to wonder how these gadgets work and the hardware and software behind them. I found myself drawn towards subjects requiring a lot of analytical and logical skills. During my high schooling, I gathered ample knowledge in the above subjects and successfully competed for admission into Engineering course through All India Joint Entrance examination (JEE). I am also deeply involved in my hobbies including playing chess, reading about astrophysics and sky gazing. I have also started learning to play guitar.

My interest and passion for Data Science commenced during my high school life. It was the time when applications involving Artificial Intelligence, Natural Language Processing, Deep Learning, Computer vision and Data visualization emerged in India. These applications fascinated and prompted me to acquire skills in these technologies. Therefore, I decided to choose Computer Science and Engineering for my bachelor's degree at one of the reputed universities of India namely DIT University, Uttarakhand and successfully completed my degree in June 2022.

My undergraduate studies gave me the exposure to programming languages like C, C++, Python and practical knowledge in the area of Discrete Mathematics, Fourier and Laplace Transform, Probability and Queuing Theory, SQL Database, Data Structures, Artificial Intelligence and Machine Learning which proved useful to me to grasp the basic knowledge of Data Science.

During my undergraduation, I led a team of three members to participate in HackInIndia Hackathon 2020 which gave me an opportunity to explore different technologies, learn how to shape an idea into a real project and a sense of leadership.
I also built various projects like, ECab booking android application, Audiobook reader, Sorting Visualizer and many more so as to employ and bolster my knowledge while studying various technologies/frameworks like Android Studio, Python and its many libraries (Numpy, Pandas, Matplotlib, Scikit-learn), HTML, CSS, JavaScript, etc.

However, my most favorite and challenging project ought to be intelliMausam, a collaborative project with my 3 batchmates to build a user-friendly AIoT-based weather forecasting application using ML and Deep Learning to make accurate weather prediction.

Based on my above undergraduate skills and projects undertaken, I was offered a six month Internship as an Associate Software Engineer at MAQ Software, a US based IT service provider firm, wherein I successfully learnt and executed the tasks of fetching useful data after analysis from the backend and extracted meaningful insights.

Upon my successful Internee tenure, I had been appointed as Full-Time Data Analyst at MAQ Software since July 2022 and am continuing with the assigned jobs. My job exposed me to the field of Business Analytics, which intrigued me to the point that I pursued a Master's in Business Analytics from the National University of Singapore and completed it in September 2024. During my master's journey I interned at Munich Re as a data scientist and worked on cutting edge technologies to solve real-world problems in the insurance domain.

My mid-term plan is to apply the knowledge and skills I acquired through my graduate degree and experience, in specific areas like AI Engineering, Generative AI development and Data Science. This will enable me to apply these techniques to help the industry grow and improve their performance.

My future goal is to evolve myself as a leading researcher & developer in the field of AI and establish myself as an impactful contributor to the growth and development of the tech industry.