Job Title:	AI Application Engineer
Department:	Engineering
Division:	Aerospace

The ideal candidate will possess a blend of computational science skills, successful experience building quality data science-based algorithms & applications and a great track record of applying data science to real-world problems in Space & Defence industry and also contributes to the R&D operations which supports the division of Space & Defence in the company.

Key Accountabilities:

• Build, develop and lead capability relating to centralized and de-centralized ML algorithms.
• Co-ordinate and work as part of the wider cross functional team including Data Science & AI, Commercial, Aerospace & Defence, across the globe
• Research and apply the latest algorithms and methods to current projects.
• Integrate internal & external structured & unstructured data into knowledge bases
• Work closely with other research teams to help with application of fundamental science and engineering problems (Chemical, Mechanical, Electrical, Electronics, Computer science, Additive Mfg, and R&D Engineer)
• Collaborate with our partners in Commercial and business teams to build scalable AI solutions
• Be the point of contact for driving collaborations.
• Presenting results to senior/other research staff.
• Writing research papers, reports, reviews, and summaries demonstrating procedures
• Preparing research proposals and funding applications/bids. Organizing product/materials development Mandatory Technical Skills
• Technology & Tools: Python, Jupyter notebook, Scikit-learn, SQL, StreamLit
• Deep Learning tools: Pytorch/Tensorflow
• Machine Learning: Classical Machine learning (Supervised and Unsupervised Methods)
• Predictive modelling, Cluster Analysis, Linear Regression, Regression modelling, Pandas, Visual Studio Code, Spyder, NUMPY