

Vidur Varshan Manoharan

+44 7436205379, vidurvarshan1999@gmail.com

www.linkedin.com/in/vidur-varshan-manoharan-1685a3210

Portfolio Website: [Personal Portfolio - Vidur Varshan Manoharan \(portfolio.github.io\)](https://portfolio.github.io)

PERSONAL PROFILE:

Highly motivated and enthusiastic MEM graduate professional with a strong background in mechanical engineering seeking a challenging role at Ramboll. Skilled in utilizing advanced industrial tools such as SolidWorks, Fusion 360, AutoCAD, and Microsoft Office Suite to drive innovative solutions and optimize processes. Demonstrated ability to address complex challenges with a strategic skillset and meticulous attention to detail. Keen to contribute my expertise and passion for excellence to a dynamic team in a challenging role.

EDUCATION:

2022 – 2023

University of Leicester, Leicester. (Graduated on Jan 18, 2024)

Masters in Engineering Management (Merit)

Modules: System Engineering, Lean Engineering, Cost Engineering, and Engineering Project Management.

2017 – 2021

Anna University, KPR Institute of Engineering and Technology, India.

Bachelors in Mechanical Engineering (First Class)

Modules: Computer Aided machine drawing, Design of Machine Elements, Additive Manufacturing and Engineering Graphics.

WORK EXPERIENCE:

November 2022 – Present **Royal Mail Midlands Super Hub, Daventry Part Time Worker.**

- Employed as a warehouse operative, sorting parcels, and ensuring posts are sorted correctly based on products postcode and organizing them into separate roll cages.
- Proficient in robotic process automation, standard operating procedures, and Manufacturing operations.

2021 – 2022 **KPM Fab, India.**

- Oversaw and assisted end-to-end textile production operation, raw material purchases and administration.
- Assisted as Sulzer PU TW11 weaving machine service and maintenance.

December 2018 – December 2018 **Internship, South India Motors, India.**

- Gained valuable experience and expertise in automotive repair, maintenance work, automotive diagnostics, repairs, and services.
- Collaborated seamlessly with skilled technicians and mechanic team, to perform car service, ensuring work meets industry standards and accomplishing work within deadline.

MEMBERSHIP:

IMechE Associate Member (ID: 80727245).

PROJECTS:

August 2023 An Investigation of Change Management Strategies used by Electric Vehicle manufacturers in China and India.

- Performed a comparative study and research about current EV market leader (China) and fastest growing EV manufacturers (India).
- Investigated the research work with Change Management Theory models and current market strategies.
- Communicated with industrial experts for identifying common and contrast theory models of EV manufacturers.

December 2022 Requirement Specification for Water Distribution Network and design for Firefighting in a Large Ship.

- Led the team with identifying the system requirements and addressing failures in the system.
- Designed a detailed architecture network design for system based on customer requirements.
- Evaluated design with fault tree analysis and QFD model to analyse system failure probability in various scenarios.

2019 – 2021 Camellia Sinensis/Ananas Comosus Fiber Based Corrugated Panel for Sound Damping.

- Designed and fabricated a natural fiber based corrugated shaped sound damping panel with Pineapple fibre, Industrial Tea leaf waste and E-Glass fibre.
- Performed Impedance method to test panel's efficiency in damping high frequencies.
- Managed and examined multiple structural shapes to identify best structure for an efficient sound damping panel.

CERTIFICATION:

February 2023 Seer for Hardware, Electronics and Systems.

- Completed the Seer for Hardware Core workshop course conducted by Galorath, with expertise in cost estimation, planning, and analysing various manufacturing process options.

March 2019 – March 2019 Roots Institute of Skill Enhancement, GD&T.

- Attended a two-day Industry attachment Geometric Dimensioning & Tolerancing programme conducted intensively with interactive training and assessments.
- Gained basic level knowledge in using geometric dimensioning and tolerancing in the workshop, learning under guidance of industry leading experts.
- Published Patent on the unique Corrugated fabrication sound damping panel.

Current Progress:

- Commenced on a journey to master MS Excel and I am at an Intermediate level.
- Started to learn HTML and CSS and I am at a beginner level.
- Actively building skillset and searching for jobs.