

Vidur Varshan Manoharan

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Portfolio Website: [Personal Portfolio - Vidur Varshan Manoharan \(vidur-varshan-manoharan.github.io\)](#)

PERSONAL PROFILE:

Highly motivated and enthusiastic individual with Master's graduate Dedicated and results-oriented professional holding a Master's degree in Engineering Management, complemented by a robust background in mechanical engineering. Adept at leveraging advanced industrial tools, including SolidWorks, Fusion 360, AutoCAD, and the Microsoft Office Suite, to drive innovative solutions and streamline processes. Proven ability to tackle complex challenges with a strategic mindset and keen attention to detail. Eager to contribute expertise and passion for excellence to a dynamic team in a challenging role.

EDUCATION:

2022 – 2023

University of Leicester, Leicester.

Masters in Engineering Management.

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 (CGPA – 7.85)

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

WORK EXPERIENCE:

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

- Working as a part time warehouse operative in Royal Mail Midland Super Hub.
- Sorting out the parcels and making sure that the posts are sorted correctly based on the products post code and organizing then into separate roll cages.

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

- Gained valuable experience and expertise in the automotive repair and maintenance work.
- Performed variety of tasks in automotive diagnostics, repairs, and services.
- Developed strong problem-solving and troubleshooting skills while performing tasks.
- Collaborated with skilled technicians and mechanic team, to perform the car service with ensuring the work meets the industry standards and complete the work within the deadline.

PROJECTS:

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

- Comparative study and research about the current market leader (China) and the fastest growing manufacturers (India).
- Investigated this research work with Change Management Theory models.
- Identified the common and contrast theory models that manufacturers equipped.

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

- Identified the system requirements and designed a detailed architecture network design for the system based on customer requirements.
- Evaluated the design with fault tree analysis and QFD model.
- Analysed the system to identify 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 the panels efficiency in damping the high frequency damping efficiency.
- Published Patent on our unique Corrugated fabrication sound damping panel.

KEY SKILLS:

Leadership and Team Player

Strong team player, able to be collaborative and communicative with team. I am an effective leader and collaborator at my work and during internships, with ensuring the provided work are completed within deadline.

CERTIFICATION:

February 2023 Seer for Hardware, Electronics and Systems.

- Completed Seer for Hardware Core workshop course conducted by Galorath.
- Gained skills in cost estimation, planning, and evaluating various manufacturing process options.

March 2019 – March 2019 Roots Institute of Skill Enhancement, Geometric Dimensioning & Tolerancing.

- Gained basic level skills in using geometric dimensioning and tolerancing in the workshop.

Current Progress:

- Embarked a journey in mastering the MS Excel and I'm at Intermediate level.
- Started to learn HTML and CSS and I am at beginner level.
- Actively building my skillsets and searching for jobs.