Vidur Varshan Manoharan

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Portfolio Website: Personal Portfolio - Vidur Varshan Manoharan (portfolio.github.io)

PERSONAL PROFILE:

Highly motivated and enthusiastic MEM graduate dedicated and results-oriented professional with a strong background in mechanical engineering. Skilled in utilizing advanced industrial tools such as SolidWorks, Fusion 360, AutoCAD, and the Microsoft Office Suite to drive innovative solutions and optimize processes. Demonstrated ability to address complex challenges with a strategic mindset 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.

WORK EXPERIENCE:

November 2022 – Present   Royal Mail Midlands Super Hub, Daventry Part Time Worker, Warehouse operative.
- Working as a part time warehouse operative.
- Sorting the parcels and making sure that the posts are sorted correctly based on the products post code and organizing then into separate roll cages.

2021 – 2022   KPM Fab, India.
- Managing end to end textile production operation and administration.
- Working as Sulzer PU TW11 weaving machine service and maintenance assistant.

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

- Gained valuable experience and expertise in the automotive repair, maintenance work, automotive diagnostics, repairs, and services.
- 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.

MEMBERSHIP: IMechE Associate Member (ID: 80727245).

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.

December 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 wate 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.