

SHRIDHAR.V.A

old no M49/4, New no 24, First main road, Besant nagar, Chennai 600090. India Mob-91-9884455260.

Email: Shridharmuthu.va@gmail.com

Over 12 years of total experience in various fields including Automobile teaching, service, new project and management. Applied for patent, handled various task such as project planning, guided Hybrid project, service records, ohsas filing, budgeting, government clearance, staff welfare, legal and domestic disputes, coordination of equipments.

Professional experience

Hindustan Institute of technology and science, Chennai, India.

Assistant Professor Selection Grade.(Jun 2017 - Till Date)

Experience:

- 8 Paper published in Scopus indexed journal.
- 1 patent applied, 1 patent in process.
- Completed 18 courses Online
- Enrolled for advanced hybrid and EV systems course Weber State University, Utah.
- Programme coordinator for Bosch OBD and VW Autotronics.
- Coordinator For upcoming INCA lab set up.
- Projects on can bus and data logging.
- Involved in Vision Zero project on traffic data management.
- Project test bed set up on alternative fuel high pressure injection performance analysis and data monitoring.
- OBD tool communication and data validation.
- Handled several scan tools and its interaction.
- Handled Subjects Instrumentation and embedded system, Automotive electrical and electronics, Hybrid and fully electric vehicle.
- Formula SAE Car team Yodha Mentor.
- Research project guide for automotive electronic systems.

Silverline Group, Chennai, India.

Project Manager, Factory setup and business improvement. (Aug 2014 - Jun 2017)

Factory Experience:

- Handled 10 lines of semi automatic bagging machine.
- Development, DFMEA, operation and management in erection, commissioning and production.
- Spares, tools, calibration equipment and specialty tools inventory maintenance.
- Setup and planning of Periodic check up and maintenance.
- Field failure analysis and rectification.
- Global exposures by working with multiple suppliers and special process development.
- Handling a team of regular and wage workers.
- Project planning and Management, Scope split-up and management, conformance to company standards for production.
- Report problem resolution status, ticketing and flagging. Maintain quality assurance objective and present it to management.
- Responsible for budget estimation, headcount planning, RFQ, RFP and timelines.
- Take knowledge management initiative. Demonstrate positive attitude and a strong leadership qualities.
- Prepared and released technical reports with recommendations in a timely fashion. Provide assistance in planning, scheduling, coordinating and troubleshooting.
- Provide engineering support on need basis to other customer as per company directive. Conducted regular progress reviews/interdepartmental meetings to ensure output deliverables are met on time.
- Identified manufacturing/quality related problems and suggested corrective action plans.
- Managed entire plant operation to ensure production targets are met as per quality.

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SHIPMENT EXPERIENCE:

- Handled more than 10 shipment of various consignment and methods of bulk cargo Import and Export.
- Liaisoning with stevedore, shipper agent, surveyors and customs personal.
- Report Collection, verification and compilation to report for higher management.
- Been a team player with our crew to complete the shipment vessel cargo.

L`esprit Green Energy

Director - Technical, cost estimation and project planning. (July 2011 - July 2014)

- Defining - Vision and mission statement.
- Development of new solar projects for large scale and small scale customers.
- Provided training and troubleshooting procedure to the customer.
- Actively involved in rural education and farmer support.
- Provided Engineering Consultation for takeover and staffing for an existing Biomass power plant.
- Planned Research and through understanding of customers requirement.
- Awards in government tender.
- Provided Solar solutions to various small and large business clients.

Wartsila India Ltd, Chennai

Graduate Engineer Trainee, Service Sector (Aug 2007 - jun 2009)

- Exposure to Captive power plant engines up to 500kw/cyl.
- Well versed in fuel injector Calibration and pump calibration.
- Deep knowledge in overhauling.
- Implementation of ohsas policy
- Multi Point inspection and report preparation for used market.

M.E. Manufacturing Engineering

M.I.T Anna University 2011 7.4 CGPA

Project

Six Degree of freedom robot is tasked to pick and place objects using camera for real time identification using MATLAB.

Contribution

Awarded best interdepartmental project. Took 5 seminars on various topics. Involved in mechatronics lab development activity. Involved in old equipment repurpose for lab.

B.E. Automobile Engineering

Hindustan College of engineering - Anna University 2007 68%

Project

Design and fabrication of thermocell to convert waste heat to electricity to power the auxiliary equipment. using Solidworks and ansys. Awarded Best project of the year & first adopters of TEG Cells in India

Contribution

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Paper Presented at SAE India. Participated in several quiz some of notable are automeet in M.I.T and AutoQuotient by Mahindra & Mahindra in SRM. Conducted Quiz. Finalist in Shaastra Junkyard event. Hosted interdepartmental activates.

COMPUTER LITERACY:

- **Documentation** : Excel, Word, Power Point and Project
- **Design Tools** : AUTOCAD, PRO-E, SOLIDWORKS and CATIA
- **Analysis Tools** : ANSYS

PERSONAL DETAILS:

Age & DOB	: 35 Years / 15 th June 1985
Gender	: Male
Marital Status	: Single
Nationality	: Indian
Languages Known	: English and Tamil.
Father's Name	: M. Anaimuthu
Communication Address	: Old no M49/4, New no 24, First Main Road, Besant Nagar, Chennai, INDIA-600090
Contact No	: + (91) 988 445 260, + (91) 44 24462829

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 15 February 2021

Place: Chennai