MELVIN EMMANUEL THEODORE

AUTOMOTIVE ENGINEER

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Automotive Engineer with 3 years of experience, skilled in vehicle systems and design software. Proven ability to excel in diverse team environments, ensuring the successful development and implementation of projects. Strong analytical skills, advanced problem-solving capabilities, and excellent teamwork contribute to consistently delivering high-quality results. Actively seeking a challenging role in Automotive Engineering with an innovative organization to further apply and expand my expertise.

EXPERIENCE

ASST, AUTOMOTIVE SUBJECT MATTER EXPERT

TCP International, Tamil Nadu, India   (Oct 2021 to Present)

- Oversaw daily operations of a 30-member automotive team, ensuring all project deadlines were met efficiently and effectively.
- Created 50+ scripts and animation plans for automotive components for the company website.
- Prepared and submitted daily status reports to management, tracking progress on 50+ projects and team performance using advanced Microsoft skills.
- Managed 100+ projects for the clients FCP Euro, and Advance Auto Parts ensuring timely delivery.
- Shared knowledge and expertise with a 22-member team on the functionality of automotive components.
- Analyzed and generated reports for necessary updates and fixes on 400+ animations for our website.
- Performed quality control on 10+ animations, offering guidance and implementing corrections as needed.
- Simplified explanations of automotive component functionality for diverse audiences.
- Conducted research into properties and functionality of Automotive components that require animation.

AUTOMOTIVE MECHANIC

Shanthi Auto Care, Tamil Nadu, India   (Feb 2021 to Oct 2021)

- Managed inventory of 200+ automotive parts and supplies to maintain adequate stock levels and facilitate smooth operations.
- Enhanced and maintained repair, service, and inspection records, achieving a 90% improvement through computerized documentation and reporting systems
- Stayed updated with industry advancements through training, enhancing automotive technology & repair skills.
- Worked on Modelling Automotive and Mechanical Components for clients.
- Reduced costs by 60% through effective negotiation of fees for spare parts and supplies.
- Carried out scheduled and routine maintenance on small and large vehicles.
- Assembled mechanical components following specifications.
- Diagnosed and repaired a range of automotive systems, including engines, transmissions, brakes, and electrical components.
- Utilized computerized diagnostic equipment to pinpoint issues and recommend necessary repairs efficiently.

SKILLS

- **GENERAL SKILLS:** Automotive Expertise, GD & T, Script Writing, Team Management, 3D Modelling, Problem-Solving, Time Management, Project Management, Project Planning, Risk Management, Communication, Adaptability, Research & Documentation

- **SOFTWARE SKILLS:** CATIA V5, SolidWorks, AutoCAD, Microsoft PPT, Microsoft Excel, Fusion 360, Ansys Fluent, Abaqus, Google Workspace, MATLAB, Teamwork PM.

EDUCATION

MASTER OF SCIENCE: AUTOMOTIVE ENGINEERING

University of Leeds, Leeds, UK, 2019 - 2020

BACHELOR OF ENGINEERING: MECHANICAL ENGINEERING

CSI College of Engineering, Tamil Nadu, India, 2015 - 2019