

ABEESH S R

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25-60A1, Edakandamvilai, Mamoottukadai, Vilavancode, kanniyakumari, Tamil Nadu, 629165

PROFESSIONAL SUMMARY

- Motivated and detail-oriented Mechanical Design Engineer with hands-on experience in part modelling, sheet metal, surface modelling, and GD&T application (ASME Y14.5). Skilled in creating accurate 2D/3D models, BOMs, and design documentation with a strong focus on manufacturability and functionality.
- Experienced in reverse engineering, tolerance analysis, and application of welding and surface roughness symbols.
- Proficient in collaborating with cross-functional teams to deliver optimized product designs across casting, sheet metal, and forging processes, with proven expertise in components such as valves, gears, shafts, bearings, cylinder heads, intake manifolds, and sheet metal enclosures. Strong problem-solving abilities with a commitment to continuous learning and professional growth in the mechanical engineering domain.

OBJECTIVE

To achieve high career growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing scenario of the mechanical engineering field.

EXPERTISE

- | | | |
|--------------------------|---------------------------|------------------------------|
| • Part modelling. | • Design Drafting. | • Surface roughness Symbols. |
| • Sheet metal modelling. | • BOM Creation. | • Material properties. |
| • surface modelling. | • GD&T, fit and function. | • Weldments. |

PROFESSIONAL EXPERIENCE

AUTOMIC ENGINEERING SERVICE / COIMBATORE

DEC 2023 - TILL DATE

Design Engineer

- BOM creation, applied surface roughness and welding symbols, to check fit and tolerance. Properly Applied GD&T in drawing with ASME Y14.5 standard.
- Done Reverse Engineering in various components and products.
- Review and verify design drawings and other technical documentation prepared by others ensure and correctness accuracy in form, fit and function.
- Creating and/or modifying 2D drawing and 3D Models as requested by the product manufacturing team.
- Well knowledge in different manufacturing processes such as Casting, Sheet metal and Forging process. Collaborate with the engineering staff to product design sketches and drawing in accordance with applicable standards accurately incorporate welding symbols and tolerance into design drawing.
- Key components worked in valves, Gears, shaft, bearings, Engine Cylinder Head and block and Intake manifold.
- sheet metal components worked on enclosure panels, clamps, brackets, gaskets.

MAHINDRA SHOWROOM / MM MOTORS / CHENNAI**AUG 2022 - NOV 2023****Technician**

- I have solid experience as a Mahindra Technician, specializing in servicing and repairing a wide range of Mahindra vehicles. My focus is always on delivering high-quality maintenance and repair work.
- I am skilled in diagnosing mechanical, electrical, and hydraulic issues using modern tools and equipment. Preventive maintenance and accurate troubleshooting are my strong areas.
- My work ensures vehicles meet Mahindra's performance and safety standards while reducing downtime. I consistently follow company guidelines and warranty policies.
- I have strong problem-solving abilities with a commitment to completing tasks efficiently. Team collaboration and customer satisfaction are always my top priorities.
- I am dedicated to continuous learning of new technologies and service methods. With my skills, I aim to contribute effectively to Mahindra's service excellence.

YAMAHA SHOWROOM / AISHWARRYA MOTORS / KANNIYAKUMARI**JUN2021 - JUL2022****Technician**

- I have hands-on experience working in a Yamaha Bike Showroom, focusing on servicing, repairing, and maintaining Yamaha motorcycles. My work ensures every vehicle delivers top performance and customer satisfaction.
- I am skilled in handling routine services, engine diagnostics, and electrical system checks. Using modern tools, I can quickly identify issues and provide accurate solutions.
- My role includes performing preventive maintenance and ensuring all bikes meet Yamaha's safety and quality standards. I always work as per company service protocols.
- I have strong technical knowledge along with good customer interaction skills. My dedication helps build customer trust and long-term relationships with the showroom.
- I continuously update my skills with Yamaha's latest technologies and models. My aim is to contribute to efficient service operations and enhance the reputation of the showroom.

EDUCATION & CERTIFICATIONS***B.E., Mechanical Engineering / 2021***

Lourdes Mount College of Engineering & Technology, Mullangana Vilai

CGPA – 6.75

HSC – 12TH / 2016

St. Joseph Higher Secondary School, Thiruthuvapuram

67%

SSLC - 10TH / 2014

St. Mary's Msc High School, Nattalam

85%

CERTIFICATION:

- Industrial Design and Drafting course using Creo.
 - 2D Design Drafting using Autocad.
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SOFTWARE TOOLS:

- CatiaV5
- Creo
- Autocad-2D
- MS-office

PERSONAL STENGTHS:

- Smart working tendency.
 - problem solving skills.
 - continuous improvement focus.
 - Good Leadership skill
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PERSONAL DETAILS:

- Date of Birth : 05/04/1999
 - Marital Status : Single
 - Nationality : Indian
 - Languages know : English, Tamil, Malayalam
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DECLARATION:

I hereby declare that the facts endowed above are genuine to the best of my knowledge and belief.

DATE:

ABEESH SR

PLACE: