KISHORE ESWAR

Mechanical designer

https://kishoreeswar333.github.io/My-Portfolio/#home

PROFILE

- A result- driven Design engineer offering over 3+ years of experience in the Design and Development of Medical devices and Electronic applications.
- Proficient in creating 3D CAD models, Detailed production drawings, applying GD&T, Material selections and managing BOM.
- Possess leadership skills with creativity, technical aptitude, analytical reasoning, capability of solving problems with high ambiguity.
- Qualified Mechanical engineer with honors of 8.9 CGPA.
- Published 10+ papers with mathematical domain in collaboration with mechanical field.
- Organizes Guest lecture on Role of Engineers in Medical Industry at Banari Amman Institute of Technology.

CONTACT

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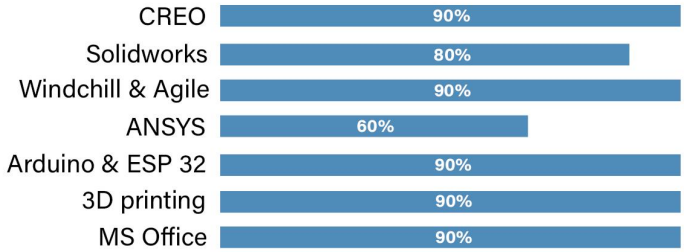
SKILLS



WORK EXPERIENCE

HCL Technologies limited - CV-1000 (Olympus).

- Led the design and development of electro-mechanical assemblies, sheet metal parts, machined components, and castings for the CV1000 system, ensuring integration with optical and electrical systems.
- Built engineering prototypes and conducted design validation tests (e.g., vibration, thermal, functional) to ensure product performance, reliability, and compliance with industry standards.
- Applied materials engineering knowledge to select optimal materials for critical components, conducting failure analysis and testing to enhance durability and performance.
- Utilized Creo for parametric modeling and performed Finite Element Analysis (FEA) using ANSYS to optimize component design for strength, stability, and thermal efficiency.
- Collaborated with cross-functional teams (mechanical, electrical, software) to align design specifications, resolve challenges, and present design progress and test results to senior management.

HCL Technologies limited - MDR 2D Datamatrix (Depuy Synthes).

- Redline and To Condition Analysis: Meticulously analyzed redline and to condition requirements for accurate barcode implementation.
- Creo Modelling: Designed barcode components using advanced Creo modelling techniques, ensuring optimal performance.
- Routing and Integration: Managed the model's development stages and integrated it into existing systems, collaborating cross-functionally.
- Agile PLM Utilization: Efficiently utilized Agile PLM for lifecycle management and documentation of barcode designs.
- Drawing Production: Produced detailed, compliant drawings facilitating manufacturing and assembly processes.

HCL Technologies limited - Oversight checker for Ethicon Endo Surgery (Johnson & Johnson company).

- Experience in performing Verify Readiness for disposition(VRD), Review Implementation Plan(RIP) and QA Check(QAC) for Ethicon Endo Surgery(EES).
- Knowledge in performing VRD, RIP and QAC for Synthes.
- Knowledge in performing Supplier document distribution for Synthes.
- Experience in performing Shared and Unshared project for Jabil.
- Experience in performing Not Assigned Report for EES.

HIGHLIGHTS

- Conducted comprehensive training sessions covering Radial Head, Speed Shift, and RFNA, leveraging the product library to boost learning and skill development.
- Specifically focused on enhancing value in Speed Shift by delving into MPI, DCRM, F&DR, and PMS processes. Successfully contributed by developing a new insertion handle within the system.
- Implemented Agile automation techniques to streamline team workflows, significantly reducing DCR creation time by 75% and adding substantial value to the process.