

MITHUN KUMAR L

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Objective: Persistent, Hard Working & Determined with strong desire to succeed.

Experience: B.E (Mechanical) with 7+years' experience in Automotive & Medical Industries.

SPECIALIST: Mechanical Engineer | Product Design & Developer.

➤ AUSA MEDICAL DEVICES PVT LTD: (April 2022-Till Date)

Designation: R&D DESIGN ENGINEER.

Projects Accomplishments: Designed and developed a complete suction irrigation assembly with standard features, low-height adjustment for patient transfer, and integrated kidney bridge for specialized surgeries. Created 3D models in SolidWorks.

- Developed Design and prototypes using 3D printing and CNC machining for functional testing.
- Created detailed design documentation, BOMs, and risk assessments aligned with ISO and FDA design control standards.
- Conducted comprehensive mechanical analysis to ensure device stability and performance.
- Collaborated with cross-functional teams to integrate hardware components seamlessly.
- Employed Design for Manufacturing (DFM) principles to optimize production efficiency.
- Managed project timelines and deliverables using MS Project, ensuring on-time completion.

➤ MECHTEK: (July 2019 - Jan2022)

Designation: DESIGN ENGINEER.

- Development of CAD 3D models for product, fixture, mold & preparation of detailed manufacturing drawings.
- 2D design for CNC wire cut EDM machine, Bending drawing for sheet metal.
- Developing the Mold design with DFM.

- Selected manufacturing methods, fabrication and product designs with care for internal cost controls and government standards.
- Engineered a mechanical device enabling network booting, facilitating operating system installation without local storage.

➤ **SANDHAR TECHNOLOGIES: (June 2018 - June 2019)**

Designation: TOOL AND DIE MAKER.

- Assembly of All Type of Tools.
- Blue Matching of Mould Tool and Die Casting Tool.
- Finding the mold defects and manufacturing problems solving by why-why analysis including corrective and preventative action plan.
- Polishing of Core and Cavity.
- Die and Punch Grinding in Press Tool.

EDUCATION

- B.E MECHANICAL ENGINEERING
VVIT College, Bangalore | 2022 - 2025
8.7* CGPA
- DIPLOMA (TOOL AND DIE MAKING AND ENGINEERING)
GTTC Bangalore | 2015 - 2018
75%
- SSLC
Cordial High School Bangalore | 2015
59.68%

SKILLS

- SolidWorks
- AutoCAD
- Microsoft tools
- Product design
- Cost estimation

SOUND KNOWLEDGE

- Geometric dimensioning & tolerancing (GD&T)
- ISO 13485, ISO14971:2012
- CAPA, DFMEA, DFM
- Gauge R&R
- IQ/OQ/PQ Qualification.

ACHIEVEMENT

- Received STAR PERFORMER OF THE QUARTER YEAR-2023 For Taking the Sidekick Project to The Production Level.
- Got GOLD AWARD In Sandhar Group for QUALITY CIRCLE.
- Got BRONZE AWARD In Sandhar Group For KAIZEN.

PERSONAL DETAILS

- Father's name: N LOKESH
- Date of birth: 11/11/1998
- Nationality: Indian
- Gender: Male
- Religious: NAIDU, EDEGA
- Marital Status: Un-Married

DECLARATION REGARDING

I hereby certify that the information above is accurate to the best of my knowledge and belief.

Place: Bangalore
Date:

MITHUN KUMAR L