

ABOUT ME

Results-oriented Senior Product Design Engineer and Mechanical Engineer with a wealth of experience in research and development across various industries. Proficient in guiding projects through the entire product development life-cycle, from ideation to production, while emphasizing aesthetics, ergonomics, and manufacturability. Committed to maintaining the highest quality standards, including compliance with ISO and FDA regulations. Skilled in utilizing 3D modeling, rendering, product animation, graphic design, and international component sourcing to drive innovative solutions.

WORK EXPERIENCE

2024- Present | SENIOR CONSULTANT - PRODUCT DESIGN ENGINEER
Afterconcepts Engineering pvt ltd, New Delhi

- Conducted thorough research to gather insights and inform project strategies.
- Designed products while prioritizing manufacturability throughout the development process.
- Provided comprehensive end-to-end support, from initial concept to manufacturing-ready solutions.
- Utilized rendering techniques to visually communicate design concepts effectively.
- Selected components and materials carefully to meet project requirements and cost constraints.
- Managed both international and domestic component sourcing to ensure optimal quality and cost-effectiveness.
- Facilitated negotiations and maintained relationships with vendors to secure favorable terms and timely delivery.
- Implemented mechanical design principles to create precise drawings and models.
- Leveraged 3D printing and prototyping technologies for rapid iteration and validation of designs.
- Collaborated with cross-functional teams to ensure seamless project execution and adherence to quality standards.

2022- 2024 | MECHANICAL DESIGN AND PRODUCTION ENGINEER
HOPS Healthcare, Ahmadabad

- Led end-to-end medical device development, from conceptualization to production.
- Generated detailed engineering designs, prioritizing aesthetics, ergonomics, and manufacturability.
- Fabricated and tested prototypes to ensure optimal functionality and quality standards.
- Ensured adherence to ISO and FDA regulations throughout the manufacturing process.
- Collaborated with cross-functional teams to streamline production and resolve technical issues.
- Utilized 3D modeling and rendering software for visualizing designs.
- Produced 3D product animations to illustrate functionality.
- Designed graphics for presentations and packaging.
- Managed component sourcing both domestically and internationally.

SKILL


Concept generation and sketching
3D Modeling and rendering
Design for manufacturability
Ergonomics and aesthetics considerations
Quality norms compliance (ISO, FDA)
Component sourcing (national and international)
Graphic design for presentations and product boxes
3D product animation

SOFTWARE SKILL

Solidworks | Autocad
Ansys | Python
Keyshot | Blender | Moldex3D
Adobe Photoshop
Adobe Illustrator
Adobe PremierPro
Adobe Aftereffects

DEVIN PARMAR

SENIOR PRODUCT DESIGN ENGINEER
MECHANICAL ENGINEER

 devinparmar17

 <https://www.devinparmar.com/>

EDUCATION

B.E. MECHANICAL ENGINEERING

Vishwakarma Gov. Eng. College,
Ahmedabad, GTU
2019-2022 (8.28/10)

DIPLOMA MECH. ENGINEERING

Kalyan Polytechnic, Jamnagar
GTU
2016-2019 (9.65/10)

SSC

B.M Patel School, Jamnagar
GSEB
2016 (79.66%)

Phone

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Email

parmardevin111@gmail.com

Date of Birth

17/09/2000

Languages

English | Hindi | Gujarati

Address

New Delhi, India

Hobbies

Photography | Traveling
Tech | Gaming