

CONTACT

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IT SKILLS

- CAD Tools: Autodesk Inventor, PTC Creo, SolidWorks, AutoCAD
- Analysis Tools: Basic Static Analysis Understanding
- PLM: Windchill
- Documentation: GD&T, BOM Creation, ECO/ECR Process
- Engineering: DFMEA, DFM/DFA, Root Cause Analysis (RCA)
- Software: MS Excel, PowerPoint, Word, Jira
- Domains Worked In: Engines, Automation Systems, Construction Systems, Material Handling Equipment
- PowerBI

CORE COMPETENCIES

Product Lifecycle Management Strategies	<div style="width: 100%;"></div>
Cross-Functional Team Collaboration	<div style="width: 100%;"></div>
Engineering Standards Compliance	<div style="width: 100%;"></div>
Cost Reduction and Value Engineering	<div style="width: 100%;"></div>
Manufacturing Process Optimization	<div style="width: 100%;"></div>
Industrial Automation	<div style="width: 100%;"></div>
Material Handling Equipment Design	<div style="width: 100%;"></div>
Quality Assurance and Control Processes	<div style="width: 100%;"></div>
Mechanical Systems Integration	<div style="width: 100%;"></div>
Engineering Documentation and Reporting	<div style="width: 100%;"></div>

CERTIFICATIONS

- AutoCAD Certification – Internshala Trainings**
- Agile Project Management – LinkedIn Learning**
- SAE BAJA:** Designed, manufactured & assembled Off-Road ATV (Virtual & Dynamics Rounds)
- MEGA ATV, Goa:** Participated in Dynamics Round

MAYURESH MUKUND KOKIL

Product Design Engineer

ABOUT ME

Pursue a career in mechanical and product design, leveraging a robust background in engineering design, managing changes effectively, and collaborating across various disciplines within the automotive, automation, and material handling industries.

PROFILE SUMMARY

- Product Design Engineer with 4+ years of proven expertise in **3D/2D modeling, CAD design, and engineering change management**.
- Successfully resolved **50+ assembly, interface, and quality issues**, driving **design optimization and issue resolution**.
- Strong background in **conceptual design, product development, and prototyping support**, ensuring innovative and practical solutions.
- Experienced in **cross-functional collaboration and supply support**, contributing to seamless project execution.
- Actively engaged in **new part development, project management, and manufacturing processes**, with a focus on the **automotive industry**.
- Quick learner and adaptable professional with a reputation as a **team player, mentor, and emerging leader**.
- Skilled at guiding junior engineers, delegating tasks effectively, and supporting team growth through informal leadership.
- Continuously updating knowledge in **AI-enabled smart manufacturing and automation trends**, demonstrating commitment to future-ready innovation.
- Recognized for **professionalism, resilience, and dedication to continuous improvement**.

WORK EXPERIENCE

PERI Werk (India) Pvt. Ltd., Pune Product Design Engineer | Jun 2024 – Present

- Role:** Responsible for updating 3D models/drawings, designing material-handling concepts, and collaborating with cross-functional teams for product improvements.

Achievements:

- Updated 150+ 3D models/drawings, improving design accuracy and reducing rework by ~12%.
- Designed 2-3 material-handling system concepts in Autodesk Inventor to sustain 5-8 tons, achieving 8-12% structural optimization with Static Analysis team.
- Collaborated with R&D, Analysis, and Documentation teams on 3 major product improvement projects, ensuring manufacturability and compliance with engineering standards.

Cummins India Limited, Pune Product Engineer | Jun 2022 – May 2024

- Role:** Focused on resolving design issues, executing engineering change orders, supporting suppliers, and leading cost optimization initiatives.

Achievements:

- Resolved 50+ assembly, interface, and quality issues on 38L & 50L engine platforms using PTC Creo, improving manufacturability by 12%.
- Executed 80+ ECOs and revised 50+ drawings, reducing design-release cycle time by 20%.
- Supported 20+ domestic and global suppliers, reducing engineering query turnaround from 5 days to 2 days.
- Led cost optimization projects worth more than 10 Crores globally and locally.
- Worked with cross-functional teams (Quality, Sourcing & Manufacturing) to validate components and ensure compliance with Cummins' engineering standards.

EXTRACURRICULAR ACTIVITIES

Rotaract Club of Vibrants

- Active member in community and youth development.
- Led international and professional projects with 100+ clubs.
- Contributed to social impact and teamwork events.

Forengers Foundation

- Participated in clean-up drives and plantation activities.
- Volunteered in local public space improvement initiatives.
- Supported environmental and social responsibility projects.

EDUCATION

Pursuing Master of Business Administration (MBA)

Symbiosis International University (2025-2027

2021

Bachelor of Engineering

Sinhgad Institute of Technology and Science, Pune

Praestans Pvt. Ltd., Pune *Design Engineer | Oct 2021 – Jun 2022*

- **Role:** Designed components and automation assemblies, developed industrial automation solutions, and supported fabrication and vendor communication.

Achievements:

- Designed 30+ components and 2+ automation assemblies in SolidWorks with detailed GD&T manufacturing drawings.
- Developed industrial automation solutions that reduced manual operations by 10-20%.
- Supported fabrication, assembly checks, and vendor communication across 4 automation projects.

ACADEMIC PROJECTS

Fully Automated Solar Panel Cleaning Machine

- Designed a spray-scrub-wipe system achieving a 38-second per panel cleaning cycle.
- Contributed to mechanical structure design, prototyping, and testing.

Water Tank Cleaning Machine - Internship Project

- Created a complete 3D model using Autodesk Inventor.
- Presented design and functionality to senior management.