

ADITYA KADAM

Mechanical Design Engineer | CAD Expertise
| Product Development | SPM | Automation

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Pune, India

EXPERTISE

□ CAD Design
Proficient in using CAD software like SolidWorks and AutoCAD for detailed mechanical designs.

b Product Development
Experience in taking products from concept to production, ensuring functionality and manufacturability

○ SPM & Automation
Skilled in design of Indexing Machines, Assembly Automation, Conveyors, Pharmaceuticals machines, Automobile Assembly Lines, Automotive Fixture Design, Packaging Machine

SKILLS

CAD Design SolidWorks
AutoCAD

Product Development

MS Office suit

GD&T

Manufacturability

Time Management

Testing G Validation

Teamcenter

SPM & Automation

SUMMARY

With over 5 years of experience in Mechanical Industry, I specialize in CAD design, product development, and Industrial Automation. My passion for sustainable design and innovation drives my commitment to excellence in the field of mechanical engineering.

EXPERIENCE

Mechanical Design Engineer Jun 2021 – Till Date
Autosys Technosolutions Pvt Ltd Pune India

Focused on designing special purpose machines for various industrial applications.

- Designed mechanical components using SolidWorks, ensuring optimal functionality and manufacturability.
- Collaborated with cross-functional teams to integrate mechanical designs into final products.
- Created BOM and technical documents related to Machine.
- Worked on Pneumatic and standard part selection as per machine requirement.
- Worked closely with manufacturers to ensure design specifications were met during production.
- Concept Preparation, Detailed engineering, 3D & 2D release, Fixture design, Robotics automation & pick and place solution.

SQA and Product Development Engineer Jun 2019 – May 2021
Danfoss Power solutions Pvt Ltd. Pune India

Supported senior engineers in mechanical design and product development.

- Assisted in creating detailed CAD designs for various mechanical components.
- Connect with SDE team for new product development Plan.
- Layout Inspection of New development parts.
- Preparing Defective material report and cost of poor quality.
- Responsible for monitoring Development Parts activities.
- Performing Validation and Testing of Development parts.
- Supported the prototyping process, including assembly and testing.

Projects

- Semi Automatic Pen Assembling Machine
- HVAC Actuator Assembly Machine
- GNS and Speed Sensor Assembly Line
- FODH and RODH Assembly Line
- Syringe Siliconization Machine
- Oil Pump Assembly Machine
- Cartridge Filling Machine

Hobbies

Playing Cricket, Volleyball
Listen to Music
Bike Riding

Graduate Engineer Trainee

Jun 2018– June 2019

Ashra Consultants Pvt Ltd.

Pune India

- Assist with roles and responsibilities assigned by management
- Updating detailed CAD designs as per engineering changes.
- Inspection of Inward as well as finished goods products.
- Preparing Inspection reports for PPAP And Production batch.
- Understand and participate in quality control, safety, and warranty processes

EDUCATION

Bachelors of Engineering (Mechanical)

2014 – 2018

University of Mumbai, RMCET Ratnagiri

CGPA-8.0

Extra-Curricular Activities

Participated in Formula Bharat 2017

Worked as a member of Engine & Drivetrain Department.

Participated in FMAE Formula Student 2017

Engineering Design Event where We Won “THE BEST DESIGN AND CAE” award Worked as a Head of Engine & Drivetrain Department.

Participated in SUPRA SAEINDIA STUDENT FORMULA 2018

Worked as a Head of Engine & Drivetrain Department.

LANGUAGES

English ●●●●●

Hindi ●●●●●

Marathi ●●●●●