

Automobile Designer

Aliases: Car Designer, Automotive Designer

Industry/Sector(s): Automotive

JOB DESCRIPTION ¹

The tasks an Automobile Designer is expected to perform include:

- Conceptualizing the design that needs to be developed
- Drawing design sketches using CAD or other computer software
- Creating a scale model or sculpture of the vehicle using clay

WORK ENVIRONMENT ^{1, 2}

- It is a desk job
- Need not handle a team
- Local travelling is not a part of this job role
- Part-time work and contractual jobs are not available
- Work from home option is not available

Working hours

- Organizations usually work for 5/6 days a week and 8/9 hours everyday. This may vary from organization to organization
- Shift system is not available
- Overtime may be required

Is the job suitable for a candidate with special needs?

This may vary from organization to organization

EDUCATIONAL QUALIFICATIONS AND TRAINING ^{3, 4}

Preferably, Diploma/B.E./B.Tech. Automotive/Mechanical/Industrial/Production

KEY COMPETENCIES ¹

- Knowledge of basic dimensioning principles
- Knowledge of CAD (Computer-Aided Design)
- Skilled in engineering drawing
- Knowledge of using chamfers and fillets

DESIRABLE COMPETENCIES ¹

- Attention to detail
- Creative

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

- SCMS School of Engineering and Technology
<http://www.scmsgroup.org/sset/>
- SRM University
<http://www.srmuniv.ac.in/>
- Sathyabama University
www.sathyabamauniversity.ac.in/
- Madras Institute of Technology
www.mitindia.edu/

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS

For scholarship and schemes, use further links like:

- <https://scholarships.gov.in/>

SAMPLE OF TRAINING AND LEARNING COURSES

http://www.wbut.ac.in/syllabus/Automobile_Syllabus_Old.pdf

CAREER PROGRESSION PATH ¹

Project Manager



Automobile Design Team Leader



Automobile Designer

The progression is indicative

EXPECTED EARNINGS ^{3, 5}

•For candidates with experience – Rs 28,000 to Rs 50,000 per month

These figures are indicative and subject to change

REQUIRED WORK EXPERIENCE ^{3, 4, 5}

Generally, 3-6 years of experience required

PROBABLE EMPLOYERS ^{3, 4, 5}

Automotive manufacturing companies

KEYWORDS

- Automotive Designer
- Automobile Engineer
- Industrial Designer

OCCUPATIONAL CODES AND STANDARDS

Standard	Code	Description
NCO 2015	2144.0800	Automobile Designer
ISCO 2008	2144	Mechanical Engineers
NIC 2008	29301; 29302; 29304	<p>Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes etc.;</p> <p>Manufacture of parts and accessories of bodies for motor vehicles such as safety belts, airbags, doors, bumpers;</p> <p>Manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.</p>
QP Reference	Not available	Not available
NSQF	Not available	Not available

REFERENCES

1	National Classification of Occupations Division 2
2	http://www.ccdisabilities.nic.in/page.php?s=reg&t=def&p=list_jobsNew
3	http://www.indeed.co.in/cmp/QUICK-JOB-PLACEMENT/jobs/Design-Engineer-0ba38552cb80c2eb?q=Automobile+Design
4	http://careers.hitechroboticsystemz.com/job-listings-Design-Engine-proe-creo-Hi-Tech-e-Soft-Pune-2-to-5-years-070716005320
5	http://www.naukri.com/job-listings-Design-Engineer-catia-sheetmetal-bangalore-zuti-Engineering-Solutions-Zuti-Engineering-Solutions-Pvt-Ltd-Hyderabad-Secunderabad-Bengaluru-Bangalore-Chennai-Mumbai-Pune-Delhi-3-to-6-years-300416000539?src=seo_srp&sid=1469598794400&xp=7&qp=automobile%20designing&srcPage=s