

Car Design Curriculum

From sketching and styling to digital CAD, EV concepts, and portfolio building — a hands-on, project-driven program built to launch your automotive design career.



35+

Industry Certifications

10+

Sketch & Render
Projects

10.6k+

Students Trained

WHO WE ARE

Our Mission & Vision

Skillumni is a leading edtech platform focused on transforming careers through high-quality upskilling and training across diverse industries. We connect learners with cutting-edge courses, expert mentors, and practical projects to bridge the gap between education and real-world careers.



Our Vision

To empower every learner through accessible, inclusive, and impactful education — creating equal opportunities for all, regardless of background or geography.



Our Mission

To deliver quality education through career-driven courses that empower success — equipping learners with the skills, tools, and confidence to thrive in today's job market.

WHY CHOOSE US

Why Choose Skillumni for Smarter Learning?

Participate in Skillumni's comprehensive training program designed to elevate your skill set and equip you with practical tools to effectively solve real-world problems.



Industry-Driven Learning Paths

Curriculum built around what employers actually need — not textbooks.



Lifetime LMS Portal Access

Revisit lessons, access new content, and keep growing at your own pace.



Hands-On Domain Based Projects

Build real projects that showcase your skills to future employers.



Earn 2+ Industry Certifications

Globally recognized certificates to validate your expertise.

Your Learning Journey with Skillumni

1

Enrol

Pick your domain — no
prior experience
needed.

2

Learn

Access recorded
sessions & lifetime
LMS portal.

3

Build Projects

Complete 1 minor & 1
major industry project.

4

Get Certified

Earn course &
internship completion
certificates.

5

Launch Career

Resume help, mock
interviews &
placement support.

Training Spotlight

- Content developed by experienced industry mentors for real-world application.
- 35+ Hours of Learning, Comprehensive video lessons, exercises, and guided modules.
- Lifetime LMS Access to Revisit all learning materials, updates, and resources—forever.
- Access the program anytime, anywhere through our online platform.
- Build practical skills with real-world project work.
- Certification Showcase your achievement and boost your career profile.
- Regular Assessments to Evaluate your progress and strengthen your understanding.

Curriculum:

Module 1: Introduction to Automobile Design

- History & evolution of car designs
- Vehicle anatomy & car segments
- Design thinking & transportation design

Module 2: Design Fundamentals & Sketching

- Shape language & car proportions
- Perspective & line sketching
- Lighting, shadow & sketch rendering

Curriculum:

Module 3: Automotive Styling Concepts

- Exterior & interior styling basics
- Aerodynamics & vehicle safety design
- Color theory & material selection

Module 4: Digital Car Designing Tools

- CAD software & 3D modeling basics
- Surface modeling & digital sketching
- Vehicle blueprints & presentation

Curriculum:

Module 5: Concept Car Development

- Market research & mood boards
- Sustainable & electric vehicle concepts
- Autonomous & futuristic vehicle ideas

Module 6: Vehicle Anatomy & Structure

- Chassis & frame structure
- Wheel & suspension basics
- Dimensions, ergonomics & safety

Curriculum:

Module 7: Advanced Sketching Techniques

- Dynamic angles & speed form sketching
- Marker rendering & light reflection
- Advanced perspective & detailing

Module 8: Interior Car Design

- Dashboard layout & control placement
- Seating ergonomics & cabin planning
- Luxury interior concepts

Curriculum:

Module 9: Exterior Body Design

- Grille, headlight & taillight styling
- Door, window & aerodynamic curves
- Body surface flow & branding

Module 10: Electric Vehicle Design

- EV design fundamentals
- Battery placement & lightweight design
- Sustainable materials & EV trends

Curriculum:

Module 11: Concept Rendering & Visualization

- Digital rendering basics
- Color, texture & reflection effects
- Presentation & visualization workflow

Module 12: Automotive Innovation & Future Trends

- Autonomous vehicle concepts
- AI in automobile design
- Hypercars & sustainable transportation

Curriculum:

Module 13: Industry Workflow & Portfolio Building

- Automotive design workflow & standards
- Portfolio structuring & documentation
- Presentation skills & career guidance

Module 14: Automotive Design Case Studies

- Analysis of iconic vehicle designs
- Brand identity & modern styling evolution
- Lessons from global automotive brands

Skills You Get:

- Automobile Design Fundamentals
- Sketching & Styling
- Digital CAD & 3D Modeling
- Interior & Exterior Design
- Electric & Future Vehicle Design
- Rendering & Portfolio Building

Training Program Outline



Before Training

- No prior experience required
- Beginner friendly — any domain
- Start fresh, choose your specialization



Training

- Recorded sessions + study materials
- Lifetime LMS access
- Flexible, self-paced learning



Industrial Projects

- Complete 1 Minor Project
- Complete 1 Major Project
- Real-world business problems



Certification

- Course Completion Certificate
- Internship Completion Certificate
- Letter of Recommendation (optional)



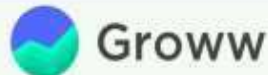
Placement Support

- Resume Building Assistance
- Mock Interview Preparation
- Dedicated Placement Assistance

OUR EXPERTS

Our Mentors Are From:

Learn directly from working professionals at India's top companies — real experience, real insights.



Earn 2+ Industry-Led Certifications

Upon successful completion, receive industry-recognized certificates that validate your skills and boost your career prospects — whether you're aiming for a new job or a promotion.



Course Completion Certificate

Awarded upon finishing all course modules and assessments successfully.



Internship Completion Certificate

Issued after completing both the minor and major industry projects.



Letter of Recommendation

Optional — for outstanding performers, signed by Skillumni co-founder.



Outstanding Performance Certificate

Optional — recognises exceptional dedication and achievement.

Accreditations & Recognitions

Skillumni is proudly recognized under key Government of India initiatives — reflecting our compliance, credibility, and commitment to student success.



Startup India (DPIIT)

Dept. for Promotion of Industry &
Internal Trade, Govt. of India



MSME Certified

Ministry of Micro, Small & Medium
Enterprises, Govt. of India



Ministry of Corporate Affairs

Registered Private Limited Company,
Govt. of India

THANK YOU

We'd love to be part of your learning journey.

Need more insights? Our counsellors are here to guide you through every step.



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