



Vaibhav chawla
Industrial Design Centre
Indian Institute of Technology Bombay
Specialization: Mobility & Vehicle Design

23M2286
M.Des.
Gender: Male
DOB: 07/10/2000

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2025	9.19
Graduation	Textile Ministry	National Institute of Fashion Technology	2023	89.00%
Graduation Specialization:	Fashion and Lifestyle accessory Design			

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Vaibhav Chawla

(Automotive and Timepiece Designer)

ABOUT ME

<https://www.vaibhavchawla.com/work>

With a keen eye for detail and a pursuit of design perfection, I am continuously exploring new techniques and eager to learn. My expertise goes beyond the traditional paper and pen, venturing into virtual reality sketching. This combination of traditional and modern skills allows me to bring innovative automotive designs to life.

Experience

Vehicle Designer

NMD Motorcycles
(Al Ain, Abu Dhabi Emirate, United Arab Emirates)
Feb, 2025 – Present

Working on ATVs, Go-karts and all-terrain recreational vehicle design, from initial sketches to digital modelling and life size prototyping.

Fighter Aircraft Cockpit Study & Design

Prof. Nishant Sharma
(IDC School Of Design, IIT Bombay)
May, 2024 – July, 2024

To design and ideate the future of INTERIORS for FIGHTER JETS, giving them a futuristic refresh and planning on how to make them more pilot friendly not just in terms of visual redesign but with better Ergonomic implementation.

INDUSTRIAL DESIGNER

TATA ELXSI LTD.
(Whitefield, Bengaluru)
Jan, 2023 – May, 2023

Was assigned to work in multiple domains of consumer based products including home appliances, consumer electronics and FMCGs including packaging and intensive user research.

3D Artist

VIGA Entertainment Technologies
(Electronic City, Bengaluru)
Aug, 2021 – Aug, 2023

Developed several High Quality 3D assets and textures for Real-time movies and Webseries, setting up pipeline for 3D assets integration into softwares like Unreal Engine and Unity.

Interests

Exterior Design
Design Detailing
CMF and Interiors
Watch Designing

Skills

People Skills
Leadership
Communication
Problem Solving
Adaptability
Creative Thinking
Management
Clay modelling

Softwares



Languages

English
Hindi

Hobbies

Cycling
Badminton
Cooking
Photography
Swimming
3D printing
Diecast Collector



Awards & Achievements

TATA ELXSI Global Design Award

Finalist - August 2022

Created a concept of smart Ice-cream packaging to eliminate plastic spoon wastage

Industrial Design Award

September 2020

Innovative Gardening tools for Bonsai trees

Web-Series SHOORVEER

VIGA Entertainment Technologies

Worked as a 3D artist for the web-series for Disney+ Hotstar

Nirvana

VIGA Entertainment Technologies

A Short film made under the guidance of A.R. Rehman for National Short film competition organized by Epic Games and unreal Engine

Position Of Responsibilities

Teaching Assistant

Prof. UnniMohan M

(IDC School Of Design, IIT Bombay)

Aug, 2023 - Present

Assisting Prof. UnniMohan in conducting courses, setting up syllabus and study material for courses like, Automotive Engineering, Model Making, and management.

Head Digital Designer and Volunteer

August 2024

Was responsible for all the print media and branding for PDC (Participatory Design Conference) Place India.

Head Student RIC, NIFT

April 2022

Was Student Incharge for the placement season at NIFT Mumbai.

Major Projects

Fighter Aircraft Cockpit Study & Design

May 2024 - Present

To design and ideate the future of INTERIORS for FIGHTER JETS, giving them a futuristic refresh and planning on how to make them more pilot friendly not just in terms of visual redesign but with better Ergonomic implementation.

Personal Computing (future of drawing tabs)

Jan 2023 - May 2023

Designed and repurposed existing drawing tablets for the offline world to act as a digital notepad that can translate offline sketching into digital graphics that are ready use online for further detailing.

James Bond inspired timepiece collection

Sept 2022 - Nov 2022

Designed a watch collection consisting of 4 watches inspired from the legacy and cultural significance of James Bond as a personality as well as a successful franchise.

MoCap Hardware Design and Testing

Jun 2022 - Jul 2022

Was assigned to develop MoCap Helmet as well as IR-based Motion tracking cameras to record the visual data and re-target it to digital mesh for 3D animations.

