

Rahul Satyavada

AUTOMOTIVE UX DESIGNER | RESEARCH SCHOLAR (ADAPTIVE HMI) | DESIGN EDUCATOR

Pune, India | +91 9542561836 | rahul.satyavada@gmail.com | Portfolio:<https://rahulsatyavadauxportfolio.in/>

PROFESSIONAL SUMMARY

An automotive product design professional with a focus on UX strategy, interaction design, and human centered mobility experiences.

Experienced in design research, usability-driven solutions, and interdisciplinary collaboration across academic and industry-oriented projects. Currently pursuing PhD research on adaptive HMIs for drivers with ADHD, aligning with future vehicle interface design and human factors.

With a strong interest in automotive HMI, user behavior, and research based interface innovation.

CORE SKILLS

- UX Strategy
- HMI Design (Research-Oriented)
- Interaction Design
- User Research & Usability Testing
- Human-Centered Design
- Automotive UX Thinking
- Design Education & Mentorship

DESIGN TOOLS



Figma



Maze



Illustrator



Framer



Autodesk Alias



Autodesk V-Red



Autodesk sketchbook pro



Catia V5 Freestyle

WORK EXPERIENCE (6 Years)

Product Planning & UX Strategist | Hyundai R&D

- Contributed to UX strategy and product planning discussions within an automotive R&D context.
- Identifying Indian Market Trends & opportunity areas through customer research and market analysis.
- Managing and communicating with cross-functional teams
- Supported user-centered design decisions through research insights and concept exploration.
- Define, prioritize, and execute a program of research using a range of qualitative and quantitative methodologies by communicating actionable insights to stakeholders.

Industry Projects

- Tal Edge Full Website Design | Role: Lead UX Designer
- Design and development of the Campus Co-Circular app for Vishwakarma University. | Role: Lead UX Designer

Design Teaching

Assistant Professor | MIT ADT University

- Design syllabus and course plans
- Conducted juries and workshops.
- Worked in NAAC criteria 3

Assistant Professor DY Patil University | Product Design

- Design syllabus and course plans for product design.
- Revamped the entire curriculum for product design.
- Conducted juries and workshops on form studies
- Led a form studies project using siporex for mahindra BE6

Assistant Professor | Vishwakarma University | UI/UX

- Delivered a curriculum in UI/UX, interaction design, and product design for undergraduate design students.
- Mentored mobile interface, usability, and human-centered design projects.
- Conducted design juries, workshops, and interdisciplinary design mentoring.
- Delivered courses as UI/UX faculty to students at the Zensar Technologies Center of Excellence.

RESEARCH FOCUS

- Attended & presented a research paper at International Conference of Emerging Trends in Design & Arts at poornima University (ICEDTA 2024)
- Presented & Accepted Abstract for ICORD 2025 IIT Hyderabad

Publications

- A COMPREHENSIVE REVIEW OF DESIGN EDUCATION FOR SUSTAINABLE DEVELOPMENT, SudhKosh Journal of visual and performing arts UGC CARE 1 342-348
- Re-design of TVS Jupiter in 2019 for 2025 in the Faculty of Engineering and technology, M.S Ramaiah University of Applied Sciences, Bengaluru 1,2

AWARDS & ACHIEVEMENTS

- Won 1st Prize in C2P2 Competition in best Prototype category for Campus extra circular app.
- UX-Foundation: Prototyping from LinkedIn Head of content & Strategy
- Certificate on UX Implementation and Planning from LinkedIn Head of content & Strategy
- Certificate on UX Design: Analyzing user data
- UX-Foundation: Multidevice Design from LinkedIn
- Certificate of Excellence from IIT Bombay in design of Unmanned Ground vehicle
- Advance Training certificate in Alias Class-A Surface Modelling

Assistant Professor / Program Head | Indus University

- Teaching Domain-specific subject of the department,
- Monitors and Organizes Departmental Adjunct/Visiting Faculty, Recruiting Visiting Faculty for domain-specific courses,
- Organizing/planning Industry Visits, and seminars for the students Preparing academic course and semester plans for students
- Assisting and co-ordination with the placement team
- Mentoring students of the final year in graduation projects

Assistant Professor | Woxsen University

- Teaching specific courses across programs that are assigned, guiding and mentoring students inside and outside the class,
- preparing students for interviews with external organizations,
- planning and delivering the learning and development initiatives for students, and counseling students.

DJ Academy of Design-Coimbatore (Design Assistant)

Education & Internships

Karnavati University (UID),PhD

PhD (Part time) in Mobility UX Design

- Adaptive HMI for Drivers with ADHD in Mobility UX

MS Ramaiah University, Bengaluru, MASTER'S

Master's in Automotive Product Design (2017-2019)

- Completed in 2019 with distinction
- CGPA : 7.29

Gitam University , Vishakapatnam, B.Tech

B.Tech in Mechanical Engineering (2013-2017)

- Completed in April 2017
- CGPA: 6.54

Hyundai Motor India LTD Chennai

Internship- Project Associate,

- Tool Life Optimization of Crank Shaft
- Completed in 2015