

Atharva Mandhare

Industrial & User Experience Designer


Hi, I love to dive deep in the problem space and come up with an innovative and wow experience for my users. I am passionate about carving out solutions that resonate with people with empathetic and user-centric approach. I enjoy working with multiple stakeholders to turn complex problems into seamless experiences. I believe, design extends beyond aesthetics and how it feels, design is deeply connected to how smoothly it functions and make people happy with it's experience.

Contacts

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Design Skills

User Research & Analytics, Concept Design, Wireframing, Usability Testing, User-Centric Design, Interaction Design, Design Thinking, Visual & UI Design, Industrial Design, HCI, User Interviews, Cognitive Ergonomics, Storyboarding, User Journey and Scenario Mapping, Design Sprint, Card Sorting, A/B Testing, Digital Renders, CAD, Trend & Competitive Market Analysis, Benchmarking, Co-Creation, Critical Design, System Thinking, Persona Development, Design Systems, Heuristic Evaluation, Task Flows & User Flows, Information Architecture (IA), Low & High Fidelity Prototypes, Agile & Lean UX Methodologies, Mobile First & Responsive Design, Interaction Models, Journey Mapping, Rapid Prototyping, Empathy Mapping, Service Design, Data-Driven Design, Behavioural & Attitudinal Research, and Micro-interactions.

Software Skills

Figma	Adobe Xd	Miro
Rhino 3D	Fusion 360	Solid Works
Arduino	Keyshot	Procreate
InDesign	Sketch	
Photoshop	Autodesk	

Recognitions

Global Grad Show 2021, Dubai

ProKids: Featured and shortlisted in top 100 graduation projects globally for GGS'21 edition.

Language

English
Marathi
Hindi

Education

2016 - 2021
National Institute of Design,
Ahmedabad

Bachelor's of Design (B.Des)
Product Design, Faculty of Industrial Design
All India Rank - 01, CSGPA: 7.66/10

2013 - 2015
Sir Parshurambhau College,
Pune

11th & 12th Science
HSC Board

Work Experience

Freelance
Pune

February 2024 - Present

User Experience Designer
Niyo Solutions, Bangalore (Fintech)

October 2021 - February 2024 (2.5 years)
Full Time Employee

- **Led transactions domain across all Niyo payment platforms**, Built a unified and scalable design system that ensured a seamless user experience throughout the app.
- **Enhanced user engagement** by designing in-app features like Notional Savings, which significantly increased international spending through a delightful and user-friendly experience.
- **Simplified complex communications** around Tax Collected at Source (TCS) for international transactions, reducing user anxiety and delivering a smooth, informative experience using design thinking methodologies.
- **Optimised the Niyo Pay Homepage Information Architecture**, resulting in improved user efficiency during payments and elevating the overall delight factor of the page.
- **Boosted app performance metrics** by designing features like Accrued Interest & Average Monthly Balance for a hackathon, leading to a +5 increase in NPS, a 10% reduction in customer support tickets, and significant increases in tap rates and app engagement.
- **Conducted comprehensive research and testing**, including primary and secondary research, competitor analysis, user interviews, usability testing, and A/B testing, to inform and refine design solutions.
- **Designed modular and scalable components** for transaction and payment experiences, ensuring long-term flexibility and consistency.
- **Developed concepts, wireframes, and prototypes** with a user-centric approach, collaborating with stakeholders to co-create and deliver holistic solutions that meet both user and business needs.

Industrial Designer
Dee Dee labs, Pune (Healthcare)

March 2020 - March 2021 (1 year)
Graduation Project

- **Led product design of an adjustable, modular myo-electric prosthesis for children (4-13) with below-elbow amputations.**
- **Conducted qualitative and quantitative research** with amputees, children, and prosthetists to deeply understand user needs.
- **Identified design gaps and opportunities** through competitor analysis, shaping innovation pathways.
- **Applied Design Thinking** to integrate modern technology with user-centered design, driving concept development and rapid prototyping.
- **Performed ergonomic evaluations** and engineered a functional prototype, iterating based on user testing.
- **Assessed materials, manufacturing, and cost for feasibility and scalability, ensuring a practical solution**

The outcome of the project has been successfully filed for a provisional patent

Product: ProKids
Inventor: Atharva Mandhare
Applicant: Dee Dee labs pvt. ltd.

May 2019 - June 2019 (2 months)
Summer Internship

- Designed an intuitive, wearable demo kit for amputees, providing a hands-on experience with Myo-electric prosthetic limbs.
- Conducted user research to understand amputees' unique challenges, ensuring the demo kit was user-friendly and effective.
- Led the end-to-end design process, from concept to prototyping and testing, creating a practical tool for both users and healthcare professionals.
- Refined prototypes through iterative testing, optimizing comfort, ease of use, and functionality based on real user feedback.

Additional Experience

Mentor, ARC Studio, Pune

March 2018 - Present

- **Mentorship:** Guided aspiring designers to articulate their unique goals and aspirations.
- **Student Success:** Helped students secure admissions into top design institutions.
- **Career Development:** Provided skills, confidence, and strategic direction for navigating design education.
- **Holistic Approach:** Focused on creativity, critical thinking, and a user-centric approach beyond technical skills.