Pradnya Chacharkar

Senior UX Designer

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EXPERIENCE

Onto Innovation (Semiconductors) I Senior UX Designer

Feb 2024 – Ongoing I Boston, US

- Led end-to-end research, competitive analysis, and design of 'Discover Fleet' software for semiconductor chip yield measurement. Conceptualized advanced data analytics dashboards, KPIs, and a dynamic query builder managing 1,000+ parameters. Achieved a 30% increase in tool health monitoring efficiency and reduced defect resolution time from 6 months to just 2–3 days.
- Co-led the company-wide UI/UX product launch for the 'Report Server' application, aligning efforts with UX Directors, Product Managers, Data Scientists, and Developers to ensure seamless delivery.
- Designed 70+ high-fidelity prototypes, simplifying complex semiconductor data visualizations for customers like TSMC, Nvidia, Samsung, and Intel, enabling better decision-making and usability.
- Established a UI/UX community of practice and led 'Scalable Design Systems' sessions, promoting consistency and scalability across 10+ products in Onto's portfolio.

Northeastern University I UX Graduate Teaching Assistant

Jan 2023 – Aug 2023 I Boston, US

- Mentored 100+ students, strengthening their UX-UI understanding through workshops focused on research, design concepts and tools.

Axxess Technology Solutions I Product Designer

Aug 2022 – Dec 2022 I Dallas, US

- Revamped UI for the company-wide 'Employee Support Application' in an agile environment by crafting a new style guide, generating a 60% boost in operational efficiency, raising user engagement by 46%.
- Simplified the user flows of 'Home Healthcare management systems' used by 70+ healthcare agencies across the US, reducing user errors by 30% and increasing user adoption by 40%.

Global Resilience Institute I UX Designer

Jan 2022 – July 2022 I Boston, US

- Spearheaded GRI's website content strategy and motion design, conducting 10+ stakeholder interviews and partnering with academics and engineers to research, design, and prototype 15+ web pages.

Fitway I Product Designer (UI/UX)

Sep 2018 – June 2021 I Mumbai, India

- Led user research and collaborated with teams to create wireframes, user flows, and prototypes for 40+ workout app screens.
- Transformed gym owners' operations with a data-driven dashboard, boosting customer satisfaction by 25% and driving increased revenue Conducted UX Audit and Market Research for tailored insights.

EDUCATION

MS in Information Systems, User Experience Design

Northeastern University, Boston

Sept 2021 - May 2023, (GPA – 3.7)

Bachelor of Civil Engineering

Pune University, India

Aug 2012 - May 2017, (GPA – 3.5)

SKILLS

Research

Stakeholder Interviews, Cognitive Mapping, Competitor Analysis, Contextual Inquiry, UX Audit, Heuristic Evaluation, Literature Review, Empathy Mapping, Task Analysis

Design I Collaboration

Design Systems, User Flows, Journey Maps, Wireframes, Rapid Prototyping, Data Visualization, Design Strategy, A/B Testing, Rapid Iteration, Strategic Thinking, Collaborating With Researchers, Product Manager, Developers, And Internal Designers

TOOLS

Design

Figma, Adobe XD, Adobe Ai / Ps / Id, Jira, Miro, Webflow

Programming

HTML5, CSS, JavaScript, React