**%** (408)921-7935

www.tusharroy.com

in linkedin.com/in/tusharroy

## **SUMMARY**

Hands-on UX Design Leader with roots in full-stack engineering and enterprise platforms.

Designs for scale and clarity, translating complex systems into human-centered experiences.

**Drives measurable product impact** through value-led strategy, KPIs, and business alignment.

Leads cross-functional execution, aligning design, product, and engineering to ship what matters.

Expert in systems thinking, user research, and inclusive design (WCAG-compliant + AI ethics aware).

Co-host of The Enterprise Design Podcast, exploring the future of enterprise UX, AI, and accessibility.

#### **WORK EXPERIENCE**

**Broadcom Inc.** — Palo Alto, CA

Principal Product Designer - VMware Cloud Foundation (Nov 2023 - Present)

- Spearheading the strategic integration of planning, licensing, and marketplace tools into the VCF Business Services platform to create a unified experience projected to increase adoption by 25–30% and reduce onboarding time from weeks to days in the upcoming VCF 9.0 release.
- Optimized key VCF Marketplace workflows (subscribing and publishing) using micro-interactions and motion design to guide users through complex cloud tasks, resulting in a 30% increase in task efficiency for customers and 50% for solution providers.
- Conceptualized VCF's first-ever security and compliance dashboard with real-time visualizations improving usability for virtual infrastructure admins, enabling threat detection and response 3× faster, and strengthening security postures across connected and air-gapped deployments.

**VMware Inc**. — Palo Alto, CA

Senior Design Manager (Jun 2021 - Oct 2023)

- Led product design for 30+ initiatives (2K+ person engineering org; managed 12 designers across the US, India, and Bulgaria), driving a 4× increase in user engagement, 25% lower dev costs, and a unified Figma-based design system.
- Championed UX education and accessibility programs, resulting in a 3× increase in design engagement and 5× growth in positive customer feedback.
- Introduced a 3-tier design support model (design-led, design-supported, and design-aware), achieving 100% UX coverage and establishing a scalable UX maturity framework.
- Centralized VMware's Design Platform, unifying ops for 270+ designers and engineers, reducing ad-hoc design asks by 50%, and increasing adoption of standardized practices by 25%.
- Launched 17 Strategic Initiative Groups (SIGs) to foster a unified design community tripling engagement, improving consistency, and reducing admin overhead by 75%.

VMware Inc. — Palo Alto, CA

Senior Product Designer (Dec 2015 - Jun 2021)

- Led 12+ research-driven initiatives for VMware Platform Services, achieving 80%+ CSAT by applying user-centered research and iterative design.
- Aligned roadmaps and priorities through strategic workshops reducing project delays by 10% and accelerating time-to-market by 30%.
- Mentored junior designers through structured feedback and design critiques, boosting cross-functional collaboration by 50%.
- Designed a modern Enterprise Service Management platform for VMware and Dell, replacing legacy ITSM tools saving \$2M in licensing and \$3.6M in support costs.
- Reimagined the VMware Learning Platform as a lightweight, multi-tenant commercial service adopted by 30+ enterprise clients.
- Led design for VMware's Mobile Apps portfolio (IT org), managing 6 contract designers and delivering 20+ mobile solutions in 3 years.
- Revamped the sales experience for agents, partners, and execs reducing reliance on legacy systems like SAP HANA and Oracle ERP by 75% (agents) and 92%+ (execs).
- Designed vNavigator, an IoT-based navigation app for campus workspace management improving resource utilization by 10%+.
- Built and shipped rapid prototypes in HTML/CSS/JS for internal tools cutting stakeholder alignment time by 40%.
- Created vPogo, an AR-based mobile game that helped identify 250+ network blind spots and improved Wi-Fi coverage across VMware's 100+ acre campus.

# EARLY CAREER (UI/UX Engineering)

**VMware Inc.** — Palo Alto, CA

- Lead UI Developer (Dec 2013 - Dec 2015)

• Modernized VMware's Subscription Renewals portal into a responsive web app for 500K+ customers, improving on-time renewals by 35% and reducing support tickets.

Apple Inc. — Cupertino, CA

- Senior UI Developer (May 2012 - Dec 2013)

• Delivered UI/UX for Apple's MFi licensing portal, streamlining certification and content publishing for global third-party accessory developers.

Ericsson. – Kolkata, India

- Senior Solution Integrator (Nov 2011 - May 2012)

• Built a cross-platform web client for Ericsson's Business Collaboration Suite, improving mobile adoption and accessibility across devices.

**IBM Inc.** – Kolkata, India

- Senior Software Engineer (Jan 2007 - Nov 2011)

• Delivered a unified SharePoint CMS for Pfizer Animal Health, consolidating 20+ microsites into a trusted, education-focused portal with lower annual maintenance costs.

**Nous Infosystems** — Bengaluru, India

- Senior UI Developer (Oct 2003 – Jan 2007)

• Created eight Flash/.NET-based casino games for Harrods Casino, increasing player session time and retention.

#### **SKILLS**

**UX Strategy & Leadership:** UX Strategy, Strategic Planning, Roadmap Execution, Problem Solving, Cross-Functional Collaboration with Engineering, Product Management and Product Marketing, Stakeholder Management, Team Building, Hiring, Mentorship, Design Thinking, Workshop Facilitation, People Management, Project Management

**UX Research & Design:** User Research, Data Analysis, Data-Driven Insights, Behavioral Analytics, User Feedback Analysis, End-to-End User-Centered Design, Human Computer Interaction (HCI), Persona Development, Journey Mapping, Competitive Analysis, Campaign Management, Usability Testing, A/B Testing

**UI/UX Design Execution:** Design System Implementation, UX Writing, Content Strategy, Interaction Design, Visual Design, Information Architecture, Wireframing, Wireframes for Accessible Layouts, Rapid Prototyping, Responsive Prototypes and Mockups, Micro-Interactions, Cross-Platform UI Design, Accessibility (WCAG Compliance)

**Process & Methodology:** Scalable Design Processes, Process Optimization, Design Operations (DesignOps), Agile/Scrum Methodology, Sprint Planning, Iterative Development

**Tools and Technologies:** Figma, Adobe XD, Adobe Creative Suite, Framer, WebFlow, Optimal Workshop, FullStory, Google Analytics, Miro, Web Development: Front-end user interface coding for Web, Android and iOS with HTML, CSS, JavaScript, React based on visual brand specs, backend API, SaaS, PaaS, Machine Learning, Python

Al Product Design & LLM UX: Prompt Engineering, Interpretability UX, Claude/GPT APIs, Al Trust & Safety UX, Conversational UI, Ethical Al Design, Agentic System Design

Thought Leadership: Co-host of <u>The Enterprise Design Podcast</u> (2k+ listeners), exploring enterprise UX challenges and best practices around designing digital products based on customer needs and business goals, systems thinking, accessibility, and AI ethics.

## **EDUCATION**

**Bachelor of Computer Applications**, Bangalore University - 2003

## **CERTIFICATIONS**

# AI, LLMs & Ethical Design

- **Designing Human-Centered AI** University of Washington, edX (2025)
- Generative AI with Large Language Models DeepLearning.AI (2025)
- Human Factors in Artificial Intelligence Duke University, Coursera (2025)
- LangChain for LLM Application Development DeepLearning.Al (2025)
- Al for Designers Interaction Design Foundation (2025)
- Elements of AI University of Helsinki (2024)

# Leadership & Innovation

- Leading People, Culture & Innovation Stanford School of Engineering (2024)
- High Impact Leadership UC Berkeley, Haas School of Business (2022)

#### **UX Foundations**

• **Certified Usability Analyst** – Human Factors International (2018)