

Karthikeyan Kandavelu

User Experience Designer, Interaction Designer

+91 – 98411 42267

karthikeyan.kandavelu@gmail.com



Summary

8+ years of total experience in creating meaningful design that leads delightful user experience. I use Design Thinking as framework to collaborate and co-create empathy-lead designs. Very comfortable in handling multiple projects and fast paced environment, from leading conversation with business stakeholders, end-users and collaboration with development teams. Passionate in telling stories based on facts that helps envisioning the real world problems.

Personal Portfolio

[Oviyen.com](#)

[Medium](#)

[Behance](#)

Education & Certification

- Bachelors of Technology in Information Technology, MNM Jain Eng. College, 2008
- Certified Usability Analyst [2017 – 6781](#), Human Factors International, 2017
- Advanced User Experience Design, UX Mint, 2015
- Certified Agile White Belt practitioner, Royal Dutch Shell, 2017

UX Skills

- Design Thinking
- Interaction Design
- Expert usability review and Heuristic evaluation
- UX requirement analysis
- User Research
- Affinity Mapping
- Persona & User Journeys
- Task Analysis
- Card Sorting
- Information Architecture
- Wireframe & Interactive Prototype
- Usability Testing and Reviews
- Accessibility improvement
- UX strategy, metrics and measurements
- Visual Design

Design Tools

- Adobe Creative Suite
- Proti.IO
- Axure RP
- InVision

Interpersonal Skills

- Inclusion, Trust and Transparency
- Team Collaboration
- Agile and Self-Managed
- Creative and Artistic
- Critical Thinking

Industry Expertise

- HR
- Retail
- Construction

Organizations

1. Royal Dutch Shell, UX Analyst, Oct 2016 – Present

- Enhance the user experience of intranet and enterprise HR applications through Design Thinking
- AI recommendations for HR support optimization and increased employee self service
- Empathize employees through interviews, contextual inquiry and survey to realize their HR needs
- Analyze research data, identify user behavior patterns and create persona
- Help product owners to understand the pain and pleasure in using the Intranet/HR services through interesting employee journeys based on the facts and recommendations to improve the journey experience

- Heuristic evaluation, Accessibility testing and recommendations on usability improvement for HR enterprise applications and Intranets developed on SharePoint
- Moderate card sorting session with employee groups to validate the existing Information Architecture of Intranets
- Inculcate design best practices and expected business values to the key stakeholders
- Moderate stakeholder workshops and ideation sessions

2. **Caterpillar India Pvt. Ltd., UX Designer, Dec 2015 – Sep 2016**

- Conceptualize interactive and responsive digital solution for HMI and fleet management systems
- Analyze the business requirements and define the scope for UX improvement
- Task prioritization, Task analysis for critical and complex tasks and optimized task flow for quicker task completion
- Analytical and operational dashboards for insights on machine health, job schedule, maintenance schedule, etc.
- Simple, intuitive and accessible user interfaces for mobile and digital tablets that works best in all environments
- Scalable information architecture and meaningful information groups
- Stakeholder engagement and responsible for end to end user experience design & deliverables
- Collaboration with development team to ensure defined usability are in place and alternate design solutions if there any unavoidable technical constrains

3. **Retail Innovation Lab – Tata Consultancy Services, Interaction Designer, May 2014 – Dec 2015**

- Conceptualize interactive and responsive digital solutions to maintain retail stores, based on technologies such as IOT, Immersive experience, Wearables, Mixed Reality, Low Energy Bluetooth, Gesture Recognition, etc.
- Infographic dashboards for mobile and digital tablets to visualize insights on footfall, power consumption, appliance health and failure, temperature and freshness level
- Task flows for critical tasks such as Respond to appliance failure, real-time system alert, job allocation for store associate, action on performance threshold, etc.
- Analysis on customer journey touchpoints and prioritized tasks based on criticality and frequency
- Brainstorm with team to define concepts based on KPIs and visualize idea as paper prototypes
- Simple user interfaces that affords user customization, to control retail store appliances such as ambient lighting & music, air condition temperature, odor controller etc.
- Wireframes, User flows and Interactive prototypes
- Visual design in accordance with Microsoft, Android and IOS guidelines

4. **Cognizant Interactive – Cognizant Technology Solution, UI Designer, Oct 2012 – May 2014**

- Translate wireframes in to visual design for mobile, digital tablets and desktop solutions
- Icon fits the context and animations that draws user attention
- Concepts as hand drawn storyboards for corporate video and other communications

5. **Edukite Learning Services, 3D Generalist, Aug 2009 – Feb 2012**

- 3D Medical animations and educational videos for school and college curriculum
- Object animation that in accordance with animation principle

Personal

Local Residential Address: #645, 21 Cross, 23 Main, Sector – 2, HSR Layout, 560 102.