

Manikandan Kandadai Venkatesh

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EDUCATION

University of Michigan, Ann Arbor, MI
MS in Information HCI, 2018 (GPA 3.9)

B.S Abdur Rahman University, India
B.Tech in Electronics &
Communication Engineering, 2014

SKILLS & TOOLS

Design

Product Strategy
Design Thinking Workshops
Service Blueprinting
Journey Mapping
Jobs-to-Be-Done
Interaction Design
Rapid Prototyping
Visual Design

Research Methods

User Interviews
Contextual Inquiries
Usability Testing
Persona Creation
Card Sorting, IA
A/B Testing
Diary studies

Tools

Mural, Miro
Figma, Sketch
HTML, CSS, JS
VS Code

WORK

Senior UX Designer, Autodesk Inc
Mar 2021 - Present | San Francisco, CA

- Drove UX strategy for Autodesk's cloud deployment platform, serving 4,000+ engineers and raising satisfaction by 20% through targeted pain point resolution.
- Led design-thinking workshops with 15+ stakeholders and developed experience blueprints and visual artifacts for current and future cloud deployment workflows. This fostered cross-functional alignment and a shared vision across teams under various Orgs.
- Created an unified interface on the Internal Developer Portal, integrating data from 5+ development and deployment tools to provide a single-pane view of deployment flows and code traceability to production—eliminating multiple user pain points and constant context switching.
- Revamped API Release Process, replacing a legacy wiki process with an all-in-one interface that streamlined release initiation, status tracking, documentation access, and alerting. This boosted API Release frequency by 25%.

UI/UX Designer, Karthik Consulting LLP
Nov 2020 - Feb 2021 | Reston, VA

Designed and Implemented a Design System with a proof-of-concept application using React for the U.S Department of Defense - Joint Artificial Intelligence Center (DoD -JAIC). This POC showed that multiple hours in development time can be saved by having a functional Design System.

CONTRIBUTIONS & PUBLICATIONS —

Open source contribution to [CNOE.io](#) - UX/UI Design, frontend code, visual artifacts

"Listen Only When Spoken To: Interpersonal Communication Cues as Smart Speaker Privacy Controls." PoPETs, 2020, no. 2 (2020): 251-270.

"Design of Frequency Reconfigurable Patch Antenna for Sensing and Tracking Communications." The Applied Computational Electromagnetics Society Journal (ACES) (2020): 1532-1538

CERTIFICATES —

LUMA Fundamentals, 2021

VOLUNTEERING —

Go Laadli - Empowering Girls in India, 2018

WORK —

UX Designer 2, RSA Security (Dell)

July 2018 - Sept 2020 | Reston, VA

Led the UX Research efforts at RSA by establishing a process for regular quantitative (UX Analytics, Surveys) and qualitative research (Usability Testing, Interviews).

Designed and shipped product features for RSA NetWitness SIEM web application in collaboration with Project Managers, Product Owners, SMEs, and Developers.

- Designed an experience that enables system administrators to collect data from external log sources resulting in reduced management toil and increase in data collection time by 20%.
- Designed an interface that enables security analysts to parse JSON logs collected from various sources through automations which eliminated the need for users to learn new programming languages.

Implemented a design system with feedback from the design & development teams to build a unified set of standardized components, patterns, and best practices.

UX Designer, University of Michigan

Mar 2017 - Mar 2018 | Ann Arbor, MI

Gathered requirements, facilitated brainstorming sessions, designed and prototyped wireframes for clients representing the University of Michigan Medical Research.

Analyst 2, Ernst & Young LLP

July 2014 - July 2016 | Chennai, India

As an Consultant, I performed IT security audits for EY Clients and was also the Lead Designer for an internal productivity tool for Auditors that increased their productivity by 75%.