

# Manikanta Kasarla

## UI/UX Designer

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### PROFILE SUMMARY

User Experience Designer with 6+ years of expertise in researching, designing, and developing accessible digital experiences across web and mobile platforms. Skilled in the full UX lifecycle—from discovery and prototyping to testing and implementation—delivering innovative, user-centric solutions that improve usability, accessibility, and business outcomes. Adept at collaborating cross-functionally with engineers, product owners, and global partners to deliver impactful design systems and production-ready interfaces.

### EXPERIENCE

#### KTech Products LLC, Dallas, TX

Sep 2019 – Present

**Project:** *DigiScript – AI-Powered Transcript OCR and SIS Automation*

Jan 2023 – Present

**Higher-Ed Clients:** TARLETON, TAMUCT, TAMIU, TAMUT, MONTCLAIR, TSU, OSU - OKC, OSU - OKM, LMU, ORU

- Researched staff workflows and pain points to design end-to-end transcript automation experiences.
- Created responsive, accessible UI with drag-and-drop uploads, progress indicators, and real-time error previews.
- Conducted usability testing with admins and integrated feedback into prototypes (Figma).
- Cut upload-to-SIS processing time by **90%** reduced support tickets by **80%** improved accessibility compliance for assistive tech users.

**Project:** *AP Invoice Automation – Web & Mobile Platform*

Sep 2021 – Dec 2022

**Clients:** ACE Parking (San Diego, CA, United States), Essen Health Care(Bronx, New York, United States)

- Designed mobile-first invoice capture workflows, prototyped and tested with field staff for simplicity.
- Built dashboards for real-time tracking and PO matching with accessibility-first layouts.
- Partnered with engineers to ensure WCAG 2.1 AA compliance and error-proof workflows.
- Lowered user error rates by **70%**, accelerated processing by **90%**, enhanced user visibility and trust. Reduced drop-off and errors significantly; enhanced submission reliability; cut rework by **80%**.

**Project:** *CRM-Online Admission Portal*

Sep 2019 – Aug 2021

**Clients:** State Board for Community & Technical Colleges (SBCTC), Washington, United States

- Conducted research with student applicants to uncover drop-off points and accessibility barriers
- Led the UX design and frontend development for an admissions portal serving **350K+ applicants annually**.
- Developed a scalable design system, optimized performance, and ensured ADA/WCAG compliance.
- Boosted application completion rates by **90%**, cut load times by **40%**, improved applicant success rate by **75%**.

### TECHNICAL SKILLS

<b>UX Research</b>	: User interviews, journey mapping, Usability testing, surveys, heuristic analysis, personas, Storybook, reusable components
<b>Design Tools</b>	: Figma, Adobe XD, Sketch, Photoshop, Illustrator
<b>Accessibility</b>	: WCAG 2.1 AA, Section 508, ADA, ARIA, screen reader (NVDA, VoiceOver) testing
<b>Methodologies</b>	: Agile/Scrum, stakeholder engagement, public-sector projects
<b>Languages&amp; Frameworks</b>	: React, Angular, TypeScript, React Native, HTML5, CSS3, JavaScript, Bootstrap, Material UI, Python, Fast API, Flask

### EDUCATION

**CMR Technical Campus, JNTUH University**

*Bachelor of Technology in Mechanical Engineering*

India

Jan 2015 – Dec 2019