# AKHIL KUMAR MUDIGONDA

+1 602-705-2683 • akhilkumar.vnos23@gmail.com • https://www.linkedin.com/in/akhil-kumar-97a579146/  https://www.behance.net/akhilkumar16

## SUMMARY

UI/UX Designer with intermediate experience and a strong focus on mobile app design and interactive prototypes. Designed user interfaces that are both aesthetically pleasing and user-friendly, contributing to enhanced user experiences. Developed and maintained design systems and UI style guides to ensure consistency across projects. Demonstrates hands-on experience with Figma for creating interactive design systems. Looking to leverage my design skills to create engaging graphics and digital assets while contributing to a cohesive and innovative team.

## WORK EXPERIENCE

### *Freelance UX Designer (Mobile App Design) Oct 2022 - Oct 2023*

• Conducted user interviews, surveys, and usability testing to gather insights and refine mobile app experiences.
• Designed wireframes and interactive prototypes using Figma to visualize user journeys and app interfaces.
• Developed aesthetically pleasing and user-friendly interfaces aligning with branding and accessibility guidelines.
• Presented designs to clients, gathered feedback, and iterated based on user testing results.
• Explored new user experience trends to enhance product interactions.

### *OnDevice IT Solutions – UI/UX Designer Jul 2021 - Oct 2022*

• Led UX research initiatives by conducting usability tests and analyzing feedback to optimize web applications.
• Created wireframes, prototypes, and final UI designs for enterprise-level applications.
• Worked closely with developers, product managers, and stakeholders to ensure design feasibility and consistency.
• Maintained design systems and UI style guides to uphold brand identity and improve user experience.
• Advocated for Design Thinking methodology by introducing user-centered design practices to cross-functional teams.
• Collaborated with product teams to enhance user engagement and experience consistency.

### *DevRabbit IT Solutions – Trainee UI/UX Designer Oct 2020 - Jun 2021*

• Assist in conducting user research, usability testing, and analyzing user feedback.
• Support in creating wireframes, mockups, and basic prototypes using design tools.
• Collaborated with senior designers and developers to understand project requirements and receive feedback.
• Help maintain design documentation and style guides and organize design assets.
• Continuously learn about UI/UX trends, tools, and best practices to improve skills.

## TECHNICAL SKILLS

**Design and Modeling Tools:** Design Thinking Process, User Research (Surveys, Interviews, Usability Testing), Wireframing & Prototyping, Information Architecture & User Flows, Empathy Mapping & User Personas, Design System & UI Style Guides, Adobe CC, Microsoft Office, Google Docs, Figma, Sketch, Canva
**Programming:** HTML, CSS, JavaScript

## PROJECTS

**Mesa Natural Gas Awareness Survey Usability Report**

This project, in collaboration with the City of Mesa through ASU's Project Cities initiative, aimed to enhance the usability of the Mesa Natural Gas Safety Awareness Survey. By conducting a UX audit, user interviews, and usability testing, the team identified gaps in user engagement and comprehension. The survey was redesigned with clearer language, improved question structure, and user-focused elements to enhance accessibility and effectiveness.

**Public Infrastructure Inspection & Maintenance UAV**

This project focuses on developing a UAV system for public infrastructure inspection and maintenance. The UAV is equipped with obstacle detection, real-time monitoring, and automated alert systems to enhance efficiency and safety. By integrating advanced detection mechanisms, it improves the accuracy and speed of assessments. The goal is to reduce costs and minimize human risk while ensuring effective infrastructure monitoring.

**Usability Testing and Iterative Design of the Living Systematic Review (LSR) Interface**

This project focuses on improving the usability of the Living Systematic Review (LSR) interface, an AI-assisted tool for researchers. Through usability testing, key issues like navigation, cognitive overload, and collaboration were identified and addressed. Iterative design improvements enhance workflow efficiency, readability, and AI integration to create a more intuitive and user-friendly interface.

**GO Yatra - Mobile Applications Services and Development**

Our travel app provides comprehensive guides to various destinations, offering detailed information on attractions, accommodations, restaurants, transportation, and local customs. Users can seamlessly book flights, hotels, rental cars, activities, and tours directly within the app, thanks to integration with third-party booking platforms. This ensures a hassle-free travel planning experience, all in one convenient platform.

## EDUCATION

**B.Tech, Computer Science & Engineering**                                                        May 2017
Chalapathi Institute of Engineering & Technology, Lam, Guntur.                          7.77 CGPA

**Masters, User Experience**                                                        December 2025 (Expected)
Arizona State University, Tempe, AZ.                                                                  3.67 GPA