

# KARTHIK IDIKUDA

## Creative UX Designer & AI Enthusiast

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### EXPERIENCE

#### Computer Vision Intern

**Karoza Technologies LLP** 📅 06/2025 - Present 🌐 Rajkot, Gujarat, India

A technology company specializing in automation workflows through AI solutions

- Developed and optimized computer vision models to support real-time image and video processing within automation workflows
- Built object detection, tracking, and recognition components by leveraging deep learning architectures such as CNNs and platforms including OpenCV and TensorFlow/PyTorch
- Worked closely with teams across disciplines to ensure AI-driven solutions were effectively integrated into production-ready applications
- Devised systematic performance benchmarking approaches to maximize model accuracy while reducing latency and improving operational efficiency
- Explored multiple image analysis algorithms to address diverse business challenges and improve end-user outcomes

#### User Interface Designer

**pax-z** 📅 10/2024 - 01/2025 🌐 Hyderabad, Telangana, India

A company focused on innovative digital solutions and user experience design

- Created interactive wireframes and high-fidelity prototypes in Figma, enhancing usability and visual appeal of both web and mobile applications
- Engaged in collaborative sessions with developers and product stakeholders to translate user needs and business requirements into effective design solutions
- Organized and conducted usability testing sessions, synthesizing user feedback to iteratively improve interface accessibility and flow
- Produced detailed mockups and documentation for handoff to engineering, supporting seamless transition from design to deployment
- Applied design thinking methodologies to deliver results that balance innovation and practicality in user-facing products

#### Industrial Training

**NSIC Technical Services Centre**

⌚ 01/2024 - 06/2024 🌐 Secunderābād, Telangana, India

A training center focusing on technical education and skills development

- Participated in an intensive, multi-disciplinary training program focused on real-world applications of Computer Science and engineering concepts
- Gained hands-on exposure to industry processes, project workflows, and best practices in software development and IT systems
- Engaged with senior engineers and mentors, enhancing practical understanding of foundational and emerging technologies through project-based learning
- Completed assigned technical projects, demonstrating problem-solving skills and the ability to meet deadlines in a fast-paced environment

### EDUCATION

#### Bachelor of Technology - BTech In Artifical Intelligence

**Marwadi University** 📅 06/2024 - 09/2027 🌐 Rajkot, gujarat

#### Diploma In Computer Science

**Sree Dattaha Group of Institutions**

⌚ 06/2021 - 01/2024 🌐 Hyderabad, Telangana

### SUMMARY

I am a dynamic UX Designer with a blend of user-centric design and AI capabilities, focused on creating impactful and accessible digital products. I thrive on bridging design and engineering, contributing to innovative projects by applying deep learning and computer vision. My experience encompasses collaborating with teams to deliver user-friendly solutions and optimizing performance for improved efficiency

### CERTIFICATION

**Generative AI**

**Operating Systems**

**Python for Data Science**

**Machine Learning I**

**Prompt Engineering**

### SKILLS

Canva Deep Learning Facebook Ads

Figma Java JavaScript Mockups

OpenCV Python PyTorch

TensorFlow Wireframes Wireframing

uiux frontend backend

### LANGUAGES

**Hindi** Proficient ● ● ● ●

**Telugu** Proficient ● ● ● ●

**English** Proficient ● ● ● ●