

ADUSUMALLI SAI DHYEYA

UiUX Designer | AI for Smart Sensors M.Eng. Student

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UI/UX Designer with 1+ year of professional experience designing digital products in the healthcare domain. With a B.Tech. in Computer Science & Engineering and currently pursuing an M.Eng. in Artificial Intelligence for Smart Sensors / Actuators at Deggendorf Institute of Technology, I am expanding my technical understanding of intelligent and sensor-driven systems. I combine my UI/UX experience in user flows, wireframing, high-fidelity design, prototyping, and design systems with a technical foundation in AI and software development to create intuitive experiences for complex technology-driven products.

EDUCATION

M.Eng. Artificial Intelligence for Smart Sensors / Actuators

Oct 2026 – Present

*Technische Hochschule Deggendorf (THD) / Deggendorf Institute of Technology
Cham, Germany*

- Focus on: Artificial Intelligence, Machine Learning, Smart Sensors, Intelligent Systems.

B.Tech. Computer Science and Engineering

Oct 2020 – May 2024

*Sri Indu College of Engineering & Technology
Hyderabad, India*

- Focus on: Data Structures, DBMS, AI/ML, Computer Networks, Statistics
- Bachelor Project: Image Detection of Fruit Diseases by Cloud Based Automatically
- Final Grade: 6.68/10

WORK EXPERIENCE

Junior UIUX Designer

Feb 2025 – Sep 2026

Hetero Healthcare Pvt. Ltd.

Hyderabad, India

- Designed 30+ healthcare UI screens and workflows to support hospital operations and employee tasks.
- Created 15+ user flows, wireframes, and interactive prototypes in Figma for healthcare applications.
- Developed 20+ reusable UI components, improving design consistency and reducing repetitive design work.
- Collaborated with developers, PMs, and stakeholders to refine usability.

UIUX Designer Intern

2024 – Aug 2024

Easeeguide

Hyderabad, India

- Designed a travel platform for trip planning and destination discovery.
- Created user flows, wireframes, and high-fidelity UI designs.
- Developed interactive prototypes and reusable UI components.

UI Design Intern

April 2023 – June 2023

Unified Mentor

Hyderabad, India

- Translated project requirements into user flows, wireframes, and high-fidelity UI designs.
- Created and refined interactive prototypes in Figma through design feedback.
- Supported the design team in maintaining consistent layouts, components, and user experiences.

PROJECTS

Hetero Healthcare – Multi-Hospital Management System

UI/UX Design · Figma · Dashboard · Healthcare

- Designed a multi-hospital management experience focused on attendance, leave management, employee information, and internal healthcare workflows.
- Project Link: [Multi Hospital Management System](#)

Azista – Project & Weather Station Monitoring App

UI/UX Design · Mobile · Figma · Data Visualization

- Designed a mobile experience for project monitoring, weather-station management, maintenance tracking, and field-ready workflows.
- Project Link: [Weather Station Monitoring App](#)

Image Detection of Fruit Diseases by Cloud Based Automatically | Bachelor's Thesis

Sri Indu College of Engineering & Technology

- Developed a cloud-based image analysis system using **Python, Flask, and CNN-based transfer learning** to identify fruit diseases from images.

TECH STACK & SOFT SKILLS

- UX Design:** User Research, User Flows, Information Architecture, Wireframing, Usability Testing
- UI Design:** Visual Design, Interaction Design, Design Systems, Responsive Design, Accessibility
- Prototyping:** Figma, Interactive Prototyping, Design Components, Developer Handoff
- Technical:** Python, Flask, HTML/CSS, SQL, Machine Learning, AI
- Documentation:** MS Office (Word, PowerPoint, Excel)
- Soft Skills:** Analytical & critical thinking, problem-solving, cross-functional collaboration, results-oriented and independent work style, clear communication, quick grasp and adaptability towards new technologies.

LANGUAGES

- English:** Intermediate – B2; **German:** Beginner – A1, pursuing A2; **Telugu:** Native

CERTIFICATIONS & TRAININGS

- Google UX Design Professional Certificate.** Google / Coursera.
- User Experience Design.** Interaction Design Foundation (IxDF).
- Figma Design Certification.** Figma.

ACCOMPLISHMENTS

- Active volunteering as Team Captain in Racing Team Super Ignite** from 2021 to 2024, winning the **3rd Prize** in the **GoKard Design Challenge (GKDC) India**, in 2023.
- Active involvement in **hosting technical events**, such as College Tech Fests and Hackathons.

INTERESTS

- AI & Machine Learning, Human–Computer Interaction, Smart Sensors & Intelligent Systems
- Singing, Dancing, Playing Badminton

Cham, 09/2026



Adusumalli Sai Dhyeya