

Krishna Pranav Vaddiparthi

Industrial Designer | www.krishnapranav.com | v.krishnapranav@gmail.com | +1 (412) 641 9161

Education

Carnegie Mellon University

Masters of Integrated Innovation for Products and Services (GPA - 3.87/4.0)

Pittsburgh, USA

Aug 2024 - Dec 2025

Srishti Institute of Arts, Design and Practices

Bachelor of Industrial Arts and Design Practices

Bengaluru, India

Aug 2016 - Jul 2020

Work Experience

Ubicquia Inc

Industrial Design Intern

Fort Lauderdale, USA

May 2025 - Aug 2025

- Designed and tested accessory solutions through rapid prototyping and model fabrication.
- Produced **1,000+ hyper-realistic product renders** to support marketing and client presentations.
- Designed and executed a **display stand solution for nationwide exhibitions**, managing vendors, drawings, and production

Jio Tesseract

Industrial Designer Lv 2

Mumbai, India

Dec 2022 - May 2024

- Designed and launched the JioDive VR headset in the Market, achieving a **500,000-unit production milestone**.
- Conceptualized and produced an **end-to-end design for Smart JioGlass**, an upcoming AR glass.
- Executed **100+ usability tests for JioGlass and JioDive** to improve product functionality and usability.
- Designed and developed production ready concepts of **JioXplore, India's first Mixed Reality Headset**.
- The JioGlass was **presented at India Mobile Congress to the Prime Minister of India**, highlighting its innovation.
- Developed high-fidelity 3D renders & animations that secured **CEO approval and enhanced investor presentations**.

Robo6

Independent Contractor | Industrial Designer

Hyderabad, India

Sept 2022 - Nov 2022

- Conceptualized the body design of a tea leaf cutting machine for agricultural use, optimizing machine volume, and designed + prototyped a tea leaf collection bag for the robot.
- Conducted on-field research and **testing of Gen 1 robots** to evaluate ergonomics, usability, performance, and intuitiveness.

Desmania Design

Associate Industrial Designer

Delhi, India

Nov 2020 - May 2022

- Engaged in 30+ projects, overseeing and managing relationships with **10+ clients, with over 3 products in the market**.
- Led the complete design process and client partnerships for **Haber Water, Metal Power, and Finn, with market launch**.
- Engaged in rapid prototyping and ergonomic testing, ensuring design feasibility for manufacturing.

Projects

Capstone - Client | Canon Virginia

- Worked on a 4-month personalized wellness supplement project, contributing through market research, business model design, and technical validation, delivering a solution tailored to the needs of middle-aged Americans.

Capstone - Client | Industree Foundation

- Worked on a 5-month ethnographic research initiative with Kui tribal artisans, contributing through community engagement and systems design, leading to interventions that **increased artisan revenue streams by 30%** through tailored product strategies.

Skills

Design and Technical: 3D Printing, Rapid Prototyping, Sketching and Hand Tools, Systems Thinking, Product Strategy, UI/UX, Storytelling, CMF Studies, Usability Testing, DFM and DFA.

Tools: SolidWorks, Rhino, Fusion 360, Keyshot, Adobe Creative Suite, SketchBook, Vizcom, Miro, Figma

Certificates: Offsite - Advanced Design, Innovation by Design - CII

Recognitions: Presented a grocery shopping solution during Covid-19 to Indian Parliamentarians; awarded Star Performer for contributions to JioGlass; and received Best Concept Design recognition at Desmania Design for work on Al-Essa