

Ambarish Saungikar

Product Architect | R&D Leader | Industry 4.0 Innovator

Over the past decade, Ambarish has led R&D and built real-world infrastructure across AI, telecom, and Industry 4.0—deploying 10,000+ agri-kiosks, launching cyber ops centers, and developing IP-backed products. He has worked with clients like 3M, Google, HP, Huawei, Wipro, Manpower Group, and Flying Tiger—turning complex challenges into scalable, grounded solutions. He builds with speed, substance, and a deep respect for systems that actually work.

WORK EXPERIENCE

Senior Multidisciplinary Designer March 2023 – Present
Designit, India

Helping Fortune 500s and fast-growing companies bring future-ready products to life through AI, design, tech, and strategy.

- **UPI soundbox experience, Google:** Designed the new UPI soundbox tailored for MSMEs—translating real-time audio feedback into seamless store-level experiences which is going to be deployed at 1 million locations.
- **Global UX research & platform strategy, ManpowerGroup:** Spearheaded research across 8 country-specific job platforms to identify usability gaps and unify fragmented experiences. Led 23 cross-functional workshops to surface user and associate pain points, align global needs, and generate strategic insights for a scalable, unified career experience platform.
- **Talent supply chain, Wipro:** Designed the high-level strategy to streamline Wipro's talent supply chain by addressing systemic inefficiencies and reducing the average 45-day hiring cycle—from requirement posting to candidate onboarding—through process redesign and opportunity mapping across the workflow.
- **Empathetic GenAI robot development for Lab45, Wipro:** Led the R&D and development efforts for an empathetic robot powered by Generative AI. From a blue-sky brief, delivered 20+ concepts earning global recognition and securing the next development phase—establishing our India studio's credibility in AI-first design and delivered the project within 100 days.
- **Merchandise design, Flying Tiger:** Designed limited-edition merchandise collections for Christmas and Valentine's Day; aligned product concepts with brand playfulness and seasonal storytelling to enhance customer engagement.

CONTACT

- +91 9900735430
- ambarishsaungikar@gmail.com
- <https://www.linkedin.com/in/ambarishsaungikar/>

SKILLS

Technical:

- *Autodesk Sketchbook*
- *Custom Geological Mapping software*
- *UDM proprietary software*
- *Pelion IoT platform*
- *Slic3r*
- *Proprietary Smart City Dashboards*
- *Miro*
- *Adobe Creative Suite (Ps; Id; Ai)*
- *Fusion 360*
- *Figma*
- *Keynote*

EDUCATION

B.Tech Mechanical Engineering, PES University

2011 - 2015, Bangalore, India
Graduated with Merit

12th Grade, Woodbury High School (Minnesota); GEAR Innovative PU College (Karnataka) - PCMB

2009 - 2011, USA & India
Graduated with 99.6%

10th Grade, State Board of Education, USA - Science, Lake Junior High School (Woodbury)

Upto 2009, Minnesota
Graduated with 3.96/4

Consultant – Systems Architecture, Emerging Tech & Strategy

Nov 2020 – Feb 2023

Qogno Digital Infrastructure Pvt. Ltd., PACE Power Systems Pvt. Ltd.

- Advanced the development of intellectual property in telecom and digital infrastructure and developed 18 product variants.
- Created strategic models and detailed proposals (RFPs, DPRs, business models) to support the planning, execution, and long-term sustainability of large-scale government projects across agriculture, smart cities, and digital ecosystems.
- Defined project roadmaps and established end-to-end systems—setting up protocols, milestone trackers, reporting mechanisms, and software tools to ensure delivery excellence across key infrastructure initiatives.

Head of Research and Development,

Oct 2019 – Oct 2020

Qogno Digital Infrastructure Pvt. Ltd

- **Agri-tech kiosks, Govt. of AP:** Led the design, manufacturing, deployment, and maintenance of 10,500+ Agriculture Kiosks and Service Centres across Telangana state—ensuring critical access to welfare, agri-advisory, and government services for farmers during the pandemic.
- **Smart public infrastructure & traffic systems, IISC Bangalore :** Designed products that enabled controlled movement of people and goods, managed real-time data and content, and integrated it all into a unified software platform—delivering safety, surveillance, and crowd management solutions suited for post-pandemic urban environments.
- **‘Praana’ Ventilator for COVID’19, IISC Bangalore:** Played a key role in the design and development of *Praana*, an affordable, indigenous ventilator built in collaboration with the Indian Institute of Science (IISC) for scalable emergency healthcare deployment.
- **Product development & strategic partnerships:** Managed collaborations with specialized industry vendors to co-develop digital welfare platforms and infrastructure products; contributed to the company’s IP portfolio with 2 patent applications in smart public systems and digital infrastructure.

Product Head, Smart Towers & IoT

Sep 2018 – Sep 2019

Qogno Digital Infrastructure Pvt. Ltd

- **Telecom & smart infrastructure IP development:** Led the product team in designing, developing, and manufacturing telecom and smart city infrastructure products—ranging from smart towers to core platforms and dashboards. Contributed to 3 patent applications focused on building a shared, scalable digital infrastructure ecosystem.
- **Smart city partnerships & proposal development:** Collaborated with 3 Indian Smart Cities (Pune, Manipal, Davangere), system integrators, and consultants to co-develop infrastructure solutions.
- **Tech vision partnership & immersive experiences, India Mobile Congress 2019:** Instrumental in forging the company’s partnership as the Technology Vision Partner for South Asia’s largest digital communication tech event. Designed and delivered AR, VR, and MR experiences to help the public envision the future of digital villages, mobility, healthcare, and education.
- **Strategic industry collaborations:** Managed partnerships with 3M, HP, Huawei, ARM, and WME to co-develop an all weather touchscreen display, edge computing device for IOT based urban digital infra, 4G & 5G small cells, RF communication devices, IOT modules for street lighting infra.

Multidisciplinary Engineer & Designer

Sep 2016 – Aug 2018

Papercats Creative Solutions Pvt. Ltd.

- **Real-time governance & cybersecurity infrastructure , Government of Andhra Pradesh:** Led cross-functional teams and vendors to design and deliver the Real-Time Governance State Centre (Asia's largest control centre) and the Andhra Pradesh Cyber Security Operations Centre—the first of its kind in India, focused on state-level cybercrime prevention and response.
- **Tech innovation & ecosystem strategy, Google X, Fintech Valley, Times of India, Under 25 Summit** Drove research, strategy, and execution for cutting-edge projects including Google X's Free Space Optical Communication initiative, Fintech Valley (India & Singapore), Times of India, and Under 25 Summit (India's largest youth festival).
- **Experience & incubation space design, HEX, APEX, Bhamashah Techno Hub:** Designed experience centres and startup incubation spaces that led to strategic partnerships and flagship initiatives—such as *The Terminal*, a multi-modal operations hub connecting all transport services in a smart city ecosystem.
- **Industrial design & factory planning, Tirupati:** Planned the layout for one of India's largest mobile phone assembly plants, a ₹150 Crore project, optimizing space, flow, and operations to support high-volume production at national scale.

Product Designer & Manager (Industrial/System)

Aug 2015 – Aug 2016

Papercats Creative Solutions Pvt. Ltd.

- **Mass-scale VR product launch, Tata Motors (Tiago Virtual Drive):** Co-designed the Tata Tiago Virtual Drive Gear—at the time, the lightest and most cost-effective VR device ever produced. Spearheaded the production and doorstep delivery of 2.5 million units across 3 major Indian cities within just one month.
- **Brand & product transformation, Celkon & Celect:** Led product and brand strategy to reposition the mobile handset brand in India—ensuring competitiveness amid the entry of major Asian manufacturers.
- **Automated manufacturing & distribution innovation, Tirupati Temple Trust:** Designed an automation-enabled for mass production and distribution for a temple trust with a patented food process.
- **Product design & packaging at scale:** Delivered packaging design for 8+ products and product design solutions for 14+ items—including smart electricity meters, server racks, and customized speakers—many of which were scaled to mass production.
- **Digital twin-based kiosk, Government of Andhra Pradesh:** Designed & prototyped multiple digital twin-based kiosks (e.g., Smart Health, Citizen Services). The *Farmer One Stop Shop* model received recognition under the Bill & Melinda Gates Foundation and was personally appreciated by Bill Gates during the AP AgTech Summit 2017.
- **Design curriculum development, NID, IIDT:** Created specialised courses for India's top design and digital tech institutes—National Institute of Design (NID) and International Institute of Digital Technology (IIDT).

Extra Curricular

-
- VTU Inter Collegiate Zonal tournament 2014/15 (Hockey) - 2nd place
 - Excellence in Art award, Les Farrington best 100 artists award, 2010
 - Competed and secured Rank 1 in Forms - Minnesota State Karate Championship (Advanced Red Belt)