

Saransh Solanki

DESIGNER, RESEARCHER, PROTOTYPER | Seattle, Washington | saransh.solanki@gmail.com | saranshsolanki.in

Experience

Meta (Reality Labs Research) | Principal Research Product Designer Redmond, USA | 2019 - present

Set design vision and strategy for next-generation human-computer interaction across a portfolio spanning egocentric machine perception, contextual AI, XR, spatial computing, and AI-powered tooling.

Led research design for **Project Aria** and **LiveMaps** Meta's research platform for egocentric AI; defined interaction models for always-on, multi-modal sensing that now underpin research across machine perception, robotics, and real-world AI. Work exhibited at major international conferences.

Lead Research Designer for **Contextual AI**, defining how adaptive, personalized AI systems assist people in the physical world; designing interaction patterns for multi-modal understanding, proactive assistance and human-AI collaboration.

Drove design strategy for **mixed reality** experiences shipped to millions, including Passthrough VR, Workrooms, and Travel Mode on Quest 2/3.

Led the multidisciplinary research design team of designers and prototypers operating across hardware, sensing, and AI research. Established design patterns, processes, and best practices for **designing with AI**.

Booking.com | Mobile Product Designer Amsterdam, Netherlands | 2018

Conceptualized and designed **Genius**, Booking.com's loyalty program; collaborated with teams across Shanghai and Tel Aviv to create a gamified system to increase user satisfaction and retention, validated through A/B testing.

Built internal tools improving accessibility, internationalization, design collaboration, and automating testing processes.

Practo | Senior Product Designer Bangalore, India | 2015 - 2018

Built and led a team of 6 designers redesigning India's largest healthcare app; revamped core features, architecture, and transaction funnels, improving key metrics by 38% for 5 million+ users.

Designed **India's first personal health record system** (56M records shared securely by 2018). Collaborated with **Chermayeff & Geismar & Haviv** to refresh the brand identity.

Shipped a mobile-first medication reminder system delivering 3 million+ reminders per year.

Edvice (acquired by Hashlearn) | Co-Founder Bangalore, India | 2014 - 2015

Co-founded and led product, design, and marketing for an on-demand tutoring platform. Drove growth and strategy through a successful **acquisition** by Hashlearn (500,000+ students).

Early Experience

Belong.co | Product Designer and UI Developer Bangalore, India | 2014

Zomato | Full Stack Developer Delhi, India | 2013

Education

University of Washington Seattle, USA | 2018

Master of Human Computer Interaction + Design

Birla Institute of Technology and Science Pilani, India | 2011

Bachelor of Engineering (Hons.) Civil Engineering

Publications and Patents

Project Aria: A new tool for egocentric multi-modal AI research	arXiv:2308.13561
Virtual Reality Experiences and Mechanics	US Patent US2022 / 0406021A1
Visually representing relationships in an extended reality environment	US Patent US11430186B2
Technology for replicating and/or controlling objects in extended reality	US Patent US20240096032A1
Determine patterns associated with objects in captured images	US Patent US20240193909A1
Virtual meeting facilitator	US Patent US11456887B1

Recognition

Best Inflight Entertainment, APEX Awards (for Meta Quest Travel Mode, with Lufthansa)	2025
Best Telemedicine Company, Innovation & Intelligent Healthcare Summit (for Practo)	2021
AWS Mobility Awards, Healthcare (for Practo Mobile App)	2017
Consumer Internet Company of the Year, News Corp VCCircle (for Practo)	2017

Talks and Panels

Keynote Speaker, Joint Workshop on Cross Reality, ISMAR Bellevue, USA	2024
Industry Panel, Royal College of Arts London + Korean University of National Arts Seoul London, UK	2024
Speaker, Computing and Creativity Bangalore, India	2021
Expert Panel, Augmented & Virtual Reality Curriculum Design, Mumbai University Mumbai, India	2020

Exhibitions

International Conference on Computer Vision Honolulu, USA	2025
Conference on Computer Vision and Pattern Recognition Seattle, USA	2024
European Conference on Computer Vision Milan, Italy	2024
International Conference on Computer Vision Paris, France	2023
IEEE CVF Winter Conference on Applications of Computer Vision Workshops Waikoloa, Hawaii, USA	2023
Conference on Computer Vision and Pattern Recognition Vancouver, Canada	2023