

Mukul Agarwal

Principal Design Lead - Platforms, XR and AI, Roblox

Former Lead Designer, AR & AI, Amazon

San Francisco Bay Area

To Whom It May Concern,

As a leader in Artificial Intelligence (AI) and Extended Reality (XR) design in the San Francisco Bay Area, I have spent my career developing pioneering innovations that have redefined how AI and Spatial Computing are applied on a worldwide scale across e-commerce, productivity, and gaming.

With absolute confidence and great enthusiasm, I write this letter of recommendation for Carlos Mats.

During my tenure as Design Leader at Amazon, my work on the Room Decorator and Auto Place systems was pivotal in driving their next-generation AI-powered AR shopping tools. My patented technologies have set new industry benchmarks, generated tens of millions of dollars in commercial revenue, and been widely adopted by leading companies. Over the past year alone, I was granted three of my seven total U.S. patents (US 12159016, US 11983835, US 11989834) stemming from my work at Amazon in Artificial Intelligence and Augmented Reality. These patents are already being cited and used by global industry leaders, including Apple, Target, Toyota, Shopify, HTC, and 3M. Beyond XR, my deep expertise in AI design includes spearheading AI-driven products that scaled revenue tenfold, as well as building zero-to-one Generative AI applications that act as advanced knowledge repositories. Currently, I am helping shape the future of XR-based game development at Roblox.

It is from this vantage point at the forefront of the Artificial Intelligence and Spatial Computing industries in Silicon Valley, that I can state unequivocally that Carlos Mats is an exceptional visionary and pioneer.

My experience with IKA has been amazing, a truly novel and groundbreaking *AI Operating System* that has greatly enhanced the way I work and get organized. It sets a new standard with its unique immersive 3D interface, and its excellent autonomous agentic execution. A powerful platform built with care by an innovative, driven professional that consistently executes at the highest level with his team, and whose work has moved the entire field forward, with a fresh new perspective on what great software should be. It genuinely feels like a tool pulled straight from the 2030's.

Mats holds a U.S. patent for his "IKA 3D Fractal UX" innovation (Patent #US D1,034,643 S), a testament of his ability to build highly impactful and intuitive platforms that push the boundaries of human-machine interaction. He has demonstrated over his impressive 22-year international career, an extraordinary mastery of innovation design and digital transformation leadership, empowering his team of talented engineers and partners, with profound understanding of sophisticated cognitive and technical structures.

He excels at making even the most complex systems accessible and enjoyable to use, crafting futuristic, visually stunning, and highly functional experiences with IKA, that establish a new paradigm for both the AI and UX fields. He approaches technology with a mindset that goes fully past traditional constraints, always thinking like the artist that he is. IKA fully represents that essence.

Mats' impact extends globally, and his personal brand of elite international work has garnered significant traction. His rare combination of decades-long technical expertise, perseverance, deep craftsmanship & artistry, makes him a monumental asset to any initiative.

I recommend him with conviction.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mukul', with a long horizontal line extending from the bottom of the signature.

Mukul Agarwal

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