Anshul Jain, MBA, MS

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CAREER SUMMARY

- *20+ years of experience leading the development and scale-up of first-of-its-kind technology products integrating hardware, software and advanced manufacturing.*

- *Vast expertise in building and leading high-performing teams, taking organizational vision and strategy and executing into meaningful results, as well as driving innovation of groundbreaking technologies.*

- *Utilized expertise in end-to-end program management spanning technology evaluation and integration, prototyping, development, production ramp-up, and post-production support. Enabled $1B+ revenue across 20+ products spanning 30+ customers, including OEMs, ODMs, and major brands.*

- *Developed an OEM supply chain in China, Korea, Taiwan, and the US from the ground up, focusing on facilitating a new market segment, Pico Products, that took revenue from $0 to $500M through 2014.*

- *Leveraged systems expertise to lead a global team of 60 Engineers across 7 countries, including executing a $5M+ business-critical breakthrough R&D product, resulting in the lowest-cost display platform within budget in less than 14 months.*

CORE COMPETENCIES

- ➢ Program and product Management
- ➢ Strategic R&D Management
- ➢ Rapid prototyping
- ➢ Global Supply Chain
- ➢ Manufacturing operations
- ➢ Partnership Development
- ➢ High-Performance Team Building
- ➢ Budget Management
- ➢ Innovative Technologies
- ➢ Continuous Process Improvement
- ➢ Servant Leadership

PROFESSIONAL WORK EXPERIENCE

MAGICLEAP (ML) – AUSTIN, TX   2021 – Current
Senior Director, Head of Technical Program Management and System Integration (Hardware/Software)

- Responsible for end-to-end product development across all roadmap products involving grounds up R&D and rapid prototyping.

- Core member of the team driving a strategic technology partnership with Google: involves managing SOW negotiations, contracts and on time delivery of all contractual commitments.

- Provide strategic direction and drive team through ambiguity in establishing clearly defined plans supporting multiple parallel hardware and software working streams in the delivery of impactful innovations from the ground up.

- Recruit top-performing talent, train, develop, and mentor team members, and build a solid foundation to support organizational growth and success, establishing a positive work culture through transparent communication.

- Overcame significant obstacles during the COVID-19 pandemic, navigating a complex hardware project initially facing a 2-year delay.

- Led team in restructuring work processes and overcame logistical challenges that minimized delay to 3 months to launch product.

- Responsible for the development of innovative 1st of its kind AR product, including the planning and conceptualization phase of the 3rd generation Augmented Reality Headset.

- Introduced "non-negotiable audacious goals" based on the MoSCoW framework that delivered a ~9-month reduction in production time to market across all teams and set as a new standard of for future product development in the company.

- Direct the successful on-time launch driving program spanning all hardware and software product teams.

- Collaborated with Engineering leadership to define and develop complex AR systems-perception (18 sensors), Lightfield (LCoS/optics), Custom Si, Calibration, Mechanical, Reliability, and NPI.

- Responsible for the development of stringent KPI specs, influencing engineers to achieve design lock and OktoShip.

- Provide hands-on program management and actively work with teams promoting the use of a systems approach to problem-solving.

- Utilize experience and best practices to solve complex issues throughout end-to-end product development, including discovery stages of product requirements, intermediate phase during maturity, and any problems during ramp.

- Gather critical data from simulations, models, and KPIs and leverage them to measure progress and techniques, such as funneling, MoSCow priority framework, fail fast fail forward, RCA, and fishbone analysis.

- Collaborated with Electrical, Mechanical, Optical, Software, Human Factors, Industrial Design, Content, Legal, and OEM functions, working together to resolve engineering problems in mixed reality products, as well as partnered with external partners to co-develop complementary technologies.

Director, Technical Program Management: Digital Light Field   *2018 – 2021*

- Established collaboration across OEM partnerships and factory, as well as suppliers across Asia, Germany, and Mexico, communicating from concept to mass manufacturing, working together to develop assembly strategies, active alignment machines, and testers.
- Worked extensively with OEMs and ODMs and gained extensive experience concerning SOWs, purchase orders, and MOUs.
- Directed the entire project from kickoff to productization of DLF, resulting in 2-4X end user impactful KPI improvement of ML1.

TEXAS INSTRUMENTS – DALLAS, TX

Global Product Development and Systems Manager, Enterprise BU   *2014 – 2018*

- Recognized for consistent top performance and promoted up through the Texas Instruments organization, ultimately becoming the Global Product Development and Systems Manager of Enterprise BU, leading a global cross-functional team of 25 Engineers and Program Managers that included 5 direct reports and overseeing the $1M budget.
- Partnered with LG and Samsung in Korea, as well as other brands, leveraging internal research and development (R&D) and suppliers to construct innovation from the ground up, consistently delivering on time and budget.
- Facilitated end-to-end program management spanning technology evaluation and integration, prototyping, development, production ramp-up coordination, and post-production support, securing $100M+ in annual revenue spanning 30+ customers, including OEMs, ODMs, and major brands.
- Oversaw the end-to-end process and led conception to on-time customer product ramps for various software and hardware products, including 4K UHD projector and intra-short throw projector, generating $100M+ in revenue.
- Leveraged market requirements, product portfolio gap analysis, competitive assessments (SWOT, reverse SWOT), technology readiness, and cost analysis to develop product roadmaps.
- Developed and cultivated relationships with customers and secured complex buy-in of a TI roadmap that generated 5 4K products and $200M+ in revenue.

Product and Applications Manager, Consumer Display Business   *2011 – 2014*

- Directed various multi-million-dollar display R&D programs from conception to production, including a breakthrough program providing the ability to use DLP products in the AR/VR market.
- Established and launched a tiger team focused on understanding system requirements, developing value propositions, building demos, and convincing management to approve the budget.
- Responsible for directing various prototypes with Fortune 10 companies and multiple products, including leading the accelerated R&D to prove the concept and achieve buy-in for the 1st-ever laser Pico Projector.
- Developed an OEM supply chain in China, Korea, Taiwan, and the US from the ground up, focusing on facilitating a new market segment, Pico Products, that took revenue from $0 to $500M through 2014.
- Oversaw the development of innovative laser-powered portable projectors, establishing new categories of products from LG, Casio, and Delta with a projected multi-million-dollar new revenue stream.

Program Manager, Systems Engineer, Software Engineer   *2007 – 2011*

- Leveraged systems expertise to lead a global team of 60 Engineers across 7 countries, including executing a $5M+ business-critical breakthrough R&D program, resulting in the lowest-cost display platform within budget in less than 14 months.
- Directed the R&D, product development, and risk mitigation simultaneously while productizing more than 30 products from 15 OEMs/brands in China, Taiwan, and Japan that delivered more than $200M.

Embedded Software and Systems Engineer   *2004 – 2007*

- Responsible for the architecture and development of critical modules with 100+ APIs for quick customer development and a detailed system block diagram for the product.
- Recognized by team to oversee onboarding of new employees, debugging of systems, and discussing new system enhancements.

EDUCATION

University of Texas at Dallas – MBA, Global Management and Strategy | BS and MS, Electrical Engineering

PUBLICATIONS

Anshul Jain and Vikrant Bhakta, DLP® Technology for Near Eye Display White Paper

Anshul Jain, DLP® Pico™ Technology for Screenless Display White Paper

Anshul Jain and Vivek Thakur, "Digital Signage Designers Push the Boundaries Outside the Box"