

SHASHI JAIN, MBA

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DIRECTOR OF INNOVATION

- Innovation Leader, Entrepreneur, and Technologist with a proven track record of incubating customer-driven pilots in future technologies such as Internet of Things, Artificial Intelligence, 3D Printing, and Space Technology.
- Demonstrated success in driving transformation across broad interdisciplinary processes and projects with high performing teams.
- 15+ years of provides new capabilities to organizations through collaboration, leadership, and C-suite partnering.
- 12+ years early-stage startup mentor in the Techstars, R/GA Ventures and TiE Angels ecosystems.

CORE COMPETENCIES

Strategic Planning | Implementation and Technology Direction | Consumer Insights | Communications | Research

CORPORATE EXPERIENCE

Intel Corp | Hillsboro, OR

November 1998 - Present

Senior Strategic Innovation Manager | January 2022 – December 2023

Delivered a Technical Long Range Strategic Plan for Web3 / Decentralization to the Intel Fellow Community. Organized strategic customer insights during the research phase.

- Contributed insights from DARPA and NASA into Edge Neural Processing use cases.

Senior Strategic Innovation Manager – Healthcare Solutions | January 2021 - January 2022

Designed and implemented a Horizon 3 innovation methodology for AI-driven health care solutions. Through design thinking with Cleveland Clinic, solved a severe bed shortage problem with edge computing technology.

- Crafted an architecture and proof of concept using Intel and partner software to engage physicians on a field trial. Customer co-funded field trial for Intel-based solution including delirium detection (AI), remote patient monitoring/tele visit software, and Intel VM/Container deployment platform.
- Guided executive-level conversation with Medtronic to formulate a 10-yr vision of an Operating Room of the Future.
- Facilitated joint working sessions to develop aligned proposals around wireless surgical robots, surgical item retention, and laparoscopy. Converted three proposals into joint, aligned Proofs-of-Concept.

Innovation Program Manager - NASA Jet Propulsion Lab - DARPA Subterranean Challenge | 2018 - 2021

Facilitated the success of the winning entry of the NASA JPL entry of the DARPA Subterranean challenge.

- Contributed \$50k of RealSense sensors and \$50k of Intel NUCs for real-time multi-sensor SLAM.
- Provided engineering mentorship and support to the NASA Co-STAR team

Strategic Innovation Manager | April 2019 - December 2020

Designed and implemented a structured innovation process for Intel's PC Channel business, focusing on Gaming, AI on Client, and Blockchain opportunities.

- Proposals in secure AI inference, overclocking gaming processors, and PC component recycling were developed and scaled up by partner organizations.
- Developed a novel content provenance pilot for Creator PCs based on blockchain distributed apps.

Associate Entrepreneur in Residence – Incubator | February - September 2020

Advised an internal startup focused on machine vision built directly into cameras. Adjusted customer segmentation and expanded the services share of wallet, resulting in \$1.5M seed funding.

- Created intrapreneur training material around business modeling, customer development, and value proposition.

Innovation Project Manager & Senior Mentor – NASA / ESA Frontier Development Lab | January 2015 - Present

Led Intel sponsorship of the NASA Frontier Develop Lab, a public-private partnership between NASA, the SETI Institute and commercial space/AI partners that implements intensive 8-week research accelerators to solve problems in space exploration, earth observation, heliophysics, and astronaut health by applying cutting edge AI to NASA data.

- Raised and administered \$850k over 5 years, resulting in 50+ research papers and 10 public data products. Presentations at 50+ conferences including NeurIPS and AGU. More than 60 blogs/articles and 2 documentaries produced. Intel-specific marketing promotions topped \$3M through FDL storytelling with Google Cloud, with six blogs/four podcasts, and more than 5 million social impressions across social media channels.

- Translated Astronaut Health work into partnerships with International Space Station National Lab and HP Enterprise (Spaceborne Computer 2), running AI workloads on Genomics data using Intel Open Federated Learning.

Innovation and Startup Program Manager | November 2014 - April 2019

Designed an Open Innovation program through joint projects with Startups. Created a structured process to co-create technology pilots with startups and scale them to production.

- Managed a portfolio of sixteen joint pilots with startups (in IoT, machine learning, wearables, 3D printing), resulting in startup product launches using Intel product (\$1M+ revenue) and \$14M investment in five startups.
- Created a partnership with R/GA Ventures Startup Accelerator network and helped Intel Sports build their investment strategy around sports. Designed a portfolio of joint projects with sports startups in machine learning, player tracking, and automated video, leading to Cannes Film Festival awards and \$13M+ investment through Intel's Capital.
- Mentored 15+ internal Intel business ventures in new product development skills including Decision Quality, Lean Canvas, Customer Interviewing, Rapid Prototyping, and Sales Funnel creation.
- Created a strategy-building framework called the Decision Quality Canvas (DQC) to employ decision analysis in hours instead of days. Trained dozens of Intel teams and outside partners, with three long-range strategies built.

UP Global [now Techstars] | Seattle, WA

Corporate Innovations Manager | 2014

Built a community of 40+ Corporate innovators at Fortune 500 companies and government organizations.

- Developed educational programming (ex. KPIs for Corporate Innovation, Best Practices for Corp Incubation) and held twice-yearly summits for Corporate Innovation leaders. Executed Startup Weekend events in large corporations including Vulcan, Coca Cola, World Bank, with more than 1000 attendees.
- UP Global was a non-profit that built entrepreneur communities worldwide; acquired by Techstars in 2014.

Intel Corporation | Hillsboro, OR

Product Innovation Manager - Wireless Display Ecosystem | 2010 - 2012

Created Intel Wireless Display (WiDi) software extensions library to "cast" PC applications to HDTVs. Scaled an ecosystem of 14+ software vendors and OEMs shipping second screen applications on millions of PCs.

- Shipped the WiDi Widget app, a sample casting application, on millions of PC laptops in multiple geos.
- Created and deployed an innovative Internship program in which teams of five interns collaborated to solve high-priority problems proposed by Intel Principal Engineers and Fellows using Lean Startup methodology. Over 300 interns were hired into this program and offers extended to over 90%.

STARTUP EXPERIENCE

MatterCompilers | CoFounder / CTO | 2013 - 2020

Value-Added reseller that specialized in helping startups adopt 3D printing for their first 10,000 pieces.

- Transitioned from reseller to consultant for 3D printing industry
- Built the Portland 3D Printing Lab community of 2500 passionate 3D printing enthusiasts and professionals in the Portland, OR area

DongleKong | Owner 2013 - 2017

- Subscription service for a kit that includes every dongle you'd need to connect your laptop to any projector.
- Bootstrapped this online retail business from hundreds of small customers through 10 key corporate partners.

Grepic | CoFounder /CEO | 2011 - 2013

- Deep linking and affiliate sales for photography created in the offroad aftermarket.
- Created software to semi-automate identification of products inside of photographs and create deep personalized affiliate links into online retailers in our network

Kushka Cosmetics | Chief Marketing Officer | 2003 - 2011

Kushka manufactured Javani, a line of cosmeceuticals incorporating Micronized Intact Collagen that used wound healing effects for aesthetic purposes.

- Bootstrapped Kushka from \$10k in sales per month to \$250k per quarter.
- Executed Open Innovation programs with key customers, resulting in multiple innovative treatment protocols for combination therapies with laser resurfacing, dermabrasion, and chemical peels, increasing average sales by 5x.
- Organized and published a dermatopathological study, a first for a cosmeceutical.

COMMUNITY EXPERIENCE**The Indus Entrepreneurs | Portland, OR****2014-Present****TiE Young Entrepreneurs (TYE) Global Education Director | 2014 - Present**

Created an experiential entrepreneurship / innovation curriculum that teaches high school students how to build startups from their ideas using concepts like Business Model Canvas, Customer Interviews, Design Thinking, Storytelling/Presentation, Kanban, and Rapid Prototyping.

- Scaled TYE to 30+ cities worldwide, serving 2000+ students per year, backed by Lemelson Foundation Grant.
- Expanded Portland TYE Chapter 14 underprivileged schools impacting over 200 students per year.
- Winner of the Intel Global Hero Award in 2015 (of 100k employees) for excellence in STEM education

Executive Director – TiE Angels Oregon | 01/2013 - 10/2014

Designed and implemented an entrepreneur-friendly process that accelerated Angel deal flow by 10x and expanded the investor community by 5x.

- Scaled to \$1.5M invested in 20+ companies per year, with 3 successful exits.

Techstars - Early-Stage Mentor | 2014 - Present

- Intrapreneur/Mentor for New York IoT, Los Angeles, Seattle, Nike, Starburst/Space, Detroit Mobility startup accelerators

BOARDS**The Inclusive Entrepreneurs Foundation****Evergreen Aviation and Space Museum**

<https://www.evergreenmuseum.org/>

Lead Diversity, Equity, and Inclusion Committee

Innovation Leader

Editorial Board Member

EDUCATION**Babson College**

Master of Business Administration, Entrepreneurship

University of Illinois - Urbana-Champaign

Master of Science - Electrical Engineering

Recipient of Harold L. Olesen Award for Excellence in Undergraduate Instruction

University of Kansas

Bachelor of Science - Computer Engineering

PATENTS

US10532232B2 - Systems, apparatus, and methods for safety equipment deployment from a drone. 2020