

ASWIN SARANG

Managing Director - Robotics & Emerging Technologies

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🇮🇳 Indian

📍 Dubai, United Arab Emirates



PROFESSIONAL EXPERIENCE



Managing Director

Reliable Robotics

📅 06/2018 - Present 📍 Dubai, United Arab Emirates

🌐 <https://reliablerobotics.ai/>

Reliable Robotics, Dubai's first, specializes in automation and AI robotics for retail, healthcare, and hospitality.

- Founded and led Dubai's first robotics company, pioneering advanced robotic solutions.
- Developed and sold humanoid and quadrupedal robotics to top global brands, including Aramco, Huawei, Pfizer, and others.
- Spearheaded business development, strategic partnerships, and market expansion.
- Worked with government entities to shape robotics regulations and licensing in the UAE.
- Provided robotics consulting for industries seeking advanced robotic integration.



Robotics Systems Engineer

Pico Group

📅 08/2017 - 06/2018 📍 Dubai, United Arab Emirates

🌐 <https://www.pico.com/en/>

Pico Global, a leader in experiential marketing, provides interactive robotic experiences and advanced robotics for global brands.

- Led robot deployments for crowd entertainment at large-scale events and exhibitions.
- Developed interactive robotic applications to enhance customer engagement and audience interaction.
- Designed and implemented UI/UX solutions for touchscreen applications, interactive kiosks, and robotics-driven experiences.
- Engineered experience design by integrating robotics with multimedia, gesture-based interactions, and AI-driven interfaces.
- Provided on-site technical support, ensuring seamless integration of robotic platforms with event infrastructure.



Robotics Engineer

DGW 📅 08/2016 - 07/2017 📍 Dubai, United Arab Emirates

🌐 <https://www.crunchbase.com/organization/digirobotics>

DGW excels in mobile robotics, autonomous systems, and sensor integration, creating solutions for industry and commerce.

- Worked on 3D localization, mapping, and path planning for mobile robots and autonomous vehicles.
- Integrated LiDARs, laser sensors, and other perception systems to design and develop custom robotic solutions based on client requirements.
- Conducted research on robotic technologies, enhancing navigation, obstacle avoidance, and SLAM (Simultaneous Localization and Mapping) capabilities.
- Developed demonstrations and proof-of-concept applications, supporting sales and marketing teams in showcasing DigiRobotics' products and capabilities.

PROFILE

Director of Robotics & Emerging Technologies with expertise in robotics engineering, automation, and tech innovation. Founder of Dubai's first robotics company, advising Fortune 500 firms and startups on robotics strategy and implementation. Skilled in R&D, product development, and technology consulting, driving innovation in robotics and emerging technologies. Passionate about shaping the future of robotics in smart cities, industrial automation, and next-generation tech.

ADVISORY BOARD EXPERIENCE



Advisory Board Member

Uvionix

📅 03/2025 - Present

📍 Los Angeles, United States

Enterprise inventory management with AI and autonomous drones.



Forbes Technology Council Member

Forbes

📅 06/2023 - 06/2024

📍 Dubai, United Arab Emirates

Contributing insights on emerging technologies, human-centric system design, and real-world deployment at scale.



Advisory Board Member

THEOSYM

📅 03/2025 - Present

📍 Irvine, United States

Driving change with responsible AI, enhancing potential, and innovating solutions.



Advisory Board Member

DeepXL

📅 03/2025 - Present

📍 Delaware, United States

A deepfake detection framework for a safer and more authentic online environment for all.

EDUCATION



BE. Mechatronics Engineering

Manipal Academy of Higher Education, Dubai

📅 2012 - 2016

📍 Dubai, United Arab Emirates

CONSULTING EXPERIENCE



Robotics Subject-Matter Expert

GLG

📅 05/2024 - Present

🔗 <https://glginsights.com/>

As a GLG Network Member, I bring 9 years of experience in the robotics industry to help clients solve some of their toughest business challenges around automation, artificial intelligence, and advanced robotics solutions.



Robotics Subject-Matter Expert

Coleman Research

📅 04/2024 - Present

🔗 <https://www.colemanrg.com/>

Provide expert advice on robotics to help clients solve business challenges. Utilize extensive experience in automation, AI, and advanced robotics solutions to offer strategic guidance.



Robotic Solutions Advisor

Guidepoint

📅 03/2024 - Present

🔗 <https://www.guidepoint.com/>

Offer specialized robotics expertise to assist clients in overcoming business challenges. Leverage deep experience in automation, AI, and advanced robotics solutions to provide strategic insights and guidance.

KEY ACHIEVEMENTS



e& SMB Award 2024 - Best Robotics Company in Middle East



Featured in 200+ international news outlets.



Founder of Dubai's First Robotics Company, pioneering AI-driven automation solutions.



Enabled Robotics Licensing in Dubai, influencing government policies for tech startups.

SKILLS

Robotics & Automation

Artificial Intelligence (AI)

IoT

Corporate Innovation

Emotional Intelligence (EQ)

Business Strategy

Technology Roadmap

ROS

ROBOTICS PROJECTS

5G Smart Manufacturing using Collaborative Robots

📅 2020 📍 Dubai, United Arab Emirates

- Led team in integrating collaborative robots with 5G for real-time remote control.
- Developed software for low-latency monitoring & reprogramming across 5G networks.
- Partnered with Huawei, leveraging advanced 5G routers for seamless connectivity enabling instant robot control, optimizing efficiency & reducing downtime.

TRAINING / COURSES

Advanced Robot Programming

Kuka Robotics, India

Advanced Diploma in Industrial Automation

TÜV Rheinland

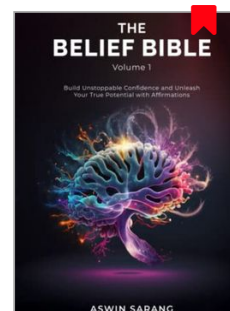
Basic Robot Programming, Installed System Overview & Electrical/Mechanical Maintenance (IN-RB04)

ABB Robotics, India

Certified Organizational Development Coach

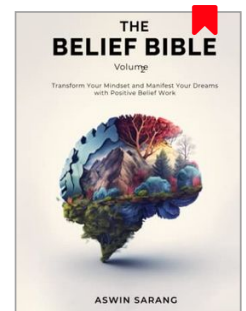
International Coaching Federation

BOOKS



The Belief Bible - Vol 1

Aswin Sarang



The Belief Bible - Vol 2

Aswin Sarang

INTERESTS



Handpan Player



Emotional Intelligence Coaching

FIND ME ONLINE



LinkedIn

aswinsarang



YouTube

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MY LIFE PHILOSOPHY

"What lies behind us and what lies before us are tiny matters compared to what lies within us."

Ralph Waldo Emerson

Water Pipeline Inspection Quadruped Robot

2023 NEOM, Saudi Arabia

- Improved pipeline inspection efficiency by {30%} by integrating a quadruped robot with specialized sensors.
- Improved data accuracy by {30%} by establishing real-time remote monitoring and data collection systems.

Humanoid Robotic Solution for Way finding, Customer Feedback & Infotainment

2023 Riyadh, Saudi Arabia

- Developed system capabilities for a humanoid robot for navigation, feedback, and infotainment.
- Increased customer satisfaction by {45%} by deploying in venues with {5,000} daily visitors.

Corporate Training Robot

2023 Abu Dhabi, United Arab Emirates

- Enhanced corporate learning outcomes by {40%} through designing AI-driven robotic trainers for employee engagement.
- Integrated gamification and interactive learning modules.

