

# ASWIN SARANG

Managing Director - Robotics & Emerging Technologies

📞 +971585805749 / +918157057497 📧 hire@aswinsarang.com  
🔗 <https://www.linkedin.com/in/aswinsarang/> 🌐 [www.aswinsarang.com](http://www.aswinsarang.com)  
🏳️ Indian



## 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

### GLG Robotics Subject-Matter Expert

GLG

<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

<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

<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

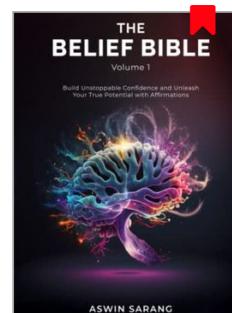
### Basic Robot Programming, Installed System Overview & Electrical/Mechanical Maintenance (IN-RB04)

ABB Robotics, India

### Certified Organizational Development Coach

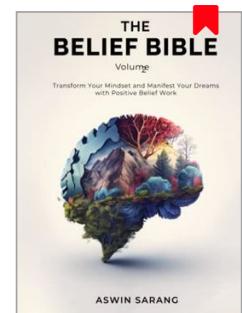
International Coaching Federation

## 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  
aswinsarang

## 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

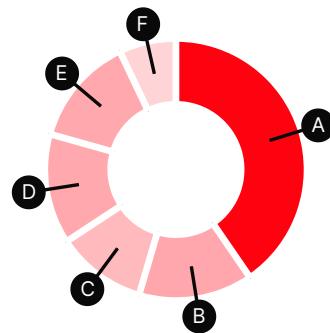
⌚ 2023 🗂 Riyadh, Saudi Arabia

- 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.



- Ⓐ Innovation & Strategy
- Ⓑ Research & Development
- Ⓒ Business Growth & Partnerships
- Ⓓ Public Speaking & Thought Leadership
- Ⓔ Mentoring & Team Development
- Ⓕ Coaching & Content Creation