

Sayan Maji

5 Years 8 Months Overall Experience

Sayan is a Jadavpur University graduate and an MBA candidate at IIM Indore with 5.5+ years of experience delivering billion-dollar energy and green hydrogen projects across global markets. He specializes in sustainable design, stakeholder management, and cross-functional leadership, and has been awarded for outstanding performance, inclusivity, and sustainability-driven innovation. He has also contributed to digital transformation initiatives by supporting AR/VR-based digital twins for HAZOP studies, collaborating on automation BOT development.

Industry

- Engineering Consultancy
- Metal-Minerals-Mining
- Oil & Gas

Functional Areas

- Engineering Consultancy
- Stress Analysis
- Sustainability & Design Strategy

Education

Indian Institute of Management, Indore (IIMI)

Master's in Business Administration

2025-26

Jadavpur University

Bachelors in Mechanical Engineering

2015-19

Certification

Digital Product Management

University of Virginia course on product lifecycle and agile product delivery

2025

Certified Scrum Product Owner (CSPO)

Agile certification by Scrum Alliance, focusing on product ownership practices

2025

Google UX Design

Google certification on user-centered design, prototyping, and usability

2025

Six Sigma Green Belt

KPMG-certified training on process improvement and statistical quality control

2025

Forward Program

McKinsey's foundational business skills program for young professionals

2025

BCG- Strategy Consulting Job Simulation

BCG's virtual strategy consulting simulation focused on building business models and mental frameworks.

2025

AI Foundations for Everyone Specialization

Introduces core AI concepts, applications, and ethics, focusing on business use cases and strategic value.

2025

Accomplishment

SPOT Award – Outstanding Performance

Awarded by Worley for exceptional project execution and technical contribution in high-impact engineering projects.

Sustainability Design Recognition

Recognized by leadership for implementing eco-conscious design solutions that reduced the carbon footprint.

Best Male Ally Award

Honoured for promoting inclusivity and mentorship within the workplace.

Branding Committee Coordinator – IIM Indore

Leading strategic communication and content initiatives to enhance the visibility of the EPGP program.

Marathon Medallist

Marathon runner, won medal in the 10K marathon organized by JBG Group.

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Experience

Worley

2 Years 6 Months
Analyst

Sep' 22 - Mar' 25

- **Conducted feasibility study** for large-scale Oil & Gas project, evaluating technical aspects, enabling client to make informed multi-million-dollar investment decision
- **Led pilot deployment of AR-enabled plant walkthroughs,** improving training efficiency and reducing onboarding time by 70%
- **Led engineering of the world's first green steel project** at Sweden, driving innovation and sustainability in steelmaking
- Led cross-functional collaboration with IT team to develop **automation BOTs**- enhancing process efficiency
- **Led simulation-based analysis** of complex system designs, enabling data-driven decision-making and optimizing performance under technical constraints
- **Delivered $15,000 in cost savings** through design optimization and improved project cost-efficiency
- Provided sustainable design practices supporting net-zero objectives and **reducing overall carbon footprint**
- Optimized resource allocation through data analytics and strategic negotiations
- **Recognized in top 2%** with the SPOT Award for productivity
- **Achieved Best Male Ally Award** for promoting inclusive culture and mentorship
- Spearheaded internal cultural committee and led large-scale corporate events for 400+ employees.

Air Products

3 Years 1 Month
Associate Engineer

Aug' 19 - Sep' 22

- Delivered sustainable engineering solutions for **billion-dollar green hydrogen project NEOM.**

- Designed engineering plant for $500M+ scale Air Separation Unit projects, contributing to **NASA's** clean fuel for space missions
- Contributed to engineering for **$2B hydrogen facility** with World Energy, enabling America's first Sustainable Aviation Fuel hub.
- Ensured seamless project delivery by **managing strong global stakeholder relationships,** strengthening cross-border collaboration
- Maintained >100% team productivity through proactive planning and milestone-based execution