



Sayan Mukhopadhyay

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Summary

Digital strategy manager with proven success architecting and executing enterprise-scale AI, GenAI, data, and cloud transformation initiatives. Orchestrated automotive industry innovation, driving end-to-end technology modernization and measurable business impact. Expert in shaping digital roadmaps, leading cross-functional teams, and aligning technology strategy with business goals.

Professional Experience

Maruti Suzuki India Limited

Manager, AI & GenAI CoE | Maruti Suzuki India Limited | Gurgaon, India

- Led Maruti Suzuki's AI, Data & Digital Infrastructure strategy, aligning 14 industry partners and senior management to craft multi-year growth roadmaps and architected AI Centre of Excellence strategy, enabling enterprise-wide AI integration and accelerating innovation.
- Established enterprise AI Risk Management and Governance, evaluating risk for 10+ projects and driving organizational resilience.
- Designed and implemented an AI Risk Management application, embedding automated risk assessments to minimize deployment risks.
- Developed global AI Ethics and Risk frameworks for Suzuki Motor Corporation, enabling cohesive and ethical AI adoption across partners.
- Drove adoption of Generative AI products including TensAI, leading cross-functional teams and achieving measurable efficiency gains and implemented a GenAI-based Production Assistant on 3 assembly lines, reducing troubleshooting time by 10% and improving quality assurance.
- Integrated an AI Nudge Engine into customer platforms, increasing engagement and conversion rates with personalized, data-driven nudges.
- Trained 50+ senior executives on Microsoft Copilot, launching programs that improved automation, efficiency, and executive AI literacy enterprise-wide.

Senior Associate Manager, Automation CoE | Maruti Suzuki India Limited | Gurgaon, India

- Delivered 110+ digital projects at Maruti Suzuki, automating 400+ processes across all business units—saving over 130,000 sheets of paper and 8,000 man-days annually, and driving major operational and sustainability gains.
- Implemented end-to-end vulnerability assessments and penetration testing for all Automation Centre of Excellence projects and 5 enterprise platforms, achieving 100% risk mitigation and robust cybersecurity compliance.
- Achieved a 20% cost reduction in intelligent automation projects on AWS through strategic cloud spend analysis, service optimization, and solution re-architecture.
- Spearheaded Maruti Suzuki's Business Intelligence program while leading a team of 11 members, driving data driven decision making through enterprise analytics adoption across all business functions across MSIL
- Launched a CAFE Norm monitoring analytics solution, ensuring 100% regulatory compliance for R&D and sales.
- Implemented Data Product and Data Verse solutions, boosting self-service BI adoption by 20% through scalable cloud models and advanced ETL integration.
- Launched an enterprise-scale BI platform, accelerating data-driven decisions by 35% via end-to-end data pipeline engineering and interactive dashboards.
- Engineered robust, cross-platform data pipelines for BI—integrating AWS, Azure, SAP, CRM, and Oracle with real-time ingestion and advanced ETL, enabling unified analytics across the enterprise.

Deputy Manager, Automation CoE | Maruti Suzuki India Limited | Gurgaon, India

- Strategized, architected, and launched Maruti Suzuki's Citizen Developer Program, empowering business teams with self-service tech tools; upskilled employees enterprise-wide by building a unique brand, executing engagement campaigns, and enabling adoption in partnership with Microsoft, Automation Anywhere, and Gartner.
- Spearheaded MSIL's process digitization program, leading a 4-member team to develop end-to-end applications integrated with enterprise systems, optimizing workflows, and maintaining high availability with ITIL-based operations and proactive incident prevention.
 - Digitized custom import compliance for Maruti Suzuki's entire supplier base, transforming document handling across supply chain and logistics operations.
 - Converted 10,000+ production records into digital workflows for assembly lines in Gurgaon and Manesar, enabling analytics for defect tracking and production optimization.
- Spearheaded Technology & Advisory initiatives for Maruti Suzuki's Digital Enterprise, building executive partnerships with Gartner, Forrester, AWS, and Microsoft to craft high-impact tech strategies—guiding senior management on enterprise data, cloud, GenAI, cybersecurity, architecture, and cost optimization.

Assistant Manager , Automation CoE | Maruti Suzuki India Limited | Gurgaon, India

- Designed and architected Maruti Suzuki’s Business Intelligence program, integrating multiple BI platforms and delivering key analytics projects to drive data-driven decision-making across business functions.
- Developed and deployed a real-time Engine Assembly Analytics Dashboard, improving calibration accuracy and operational efficiency through enhanced process standardization and anomaly detection in engine assembly.
- Delivered an advanced Accident Data Analytics solution for R&D, enabling granular accident analysis by type, model, and environment to inform targeted design improvements.
- Implemented an Export Profitability Analytics solution for Finance, empowering data-driven export strategy through granular, model-wise profit analysis and supporting record growth in international markets.
- Architected and designed the Enterprise Connect digitization program at MSIL, leading end-to-end process automation and digital transformation across all business functions.
- Digitized the Quality Risk Register for Quality Management, consolidating organizational risk data and automating knowledge management for improved risk control and process efficiency.
- Standardized and digitized Kaizen workflows across 3 plants and 4 assembly lines, streamlining horizontal implementation and boosting production efficiency.

Assistant Manager, IT- New Initiatives, IT | Maruti Suzuki India Limited | Gurgaon, India

- Pioneered and deployed Maruti Suzuki’s first HR chatbot “Chika,” scaling adoption across Engineering, Supply Chain, and Quality Assurance to reduce ~28–30% of employee queries to departments and boost operational efficiency.
- Spearheaded enterprise-wide rollout of the OpenText Enterprise Content Management application, leading implementation of 4 modules—including OCR and AI workflows—across 20+ servers to digitize core processes and drive productivity.
- Delivered a deep-dive Attrition Analytics solution using survival analysis and predictive modelling, uncovering drivers of early turnover and enabling targeted HR retention strategies to reduce first four-year attrition.
- Developed and implemented a Vision Analytics attendance system, employing advanced computer vision to automate real-time employee attendance and enhance data accuracy.

Graduate Engineer Trainee, IT- New Initiatives, IT, | Maruti Suzuki India Limited | Gurgaon, India

- Evaluated business cases and technology feasibility by developing proofs of concept for blockchain, vision analytics, data lake, and enterprise knowledge management, driving innovation in digital solutions.
- Implemented advanced data analysis for parts traceability and CMMI quality assessment, enhancing production quality control in the machine shop assembly line.

Education

BTech CS, Business Analytics & Optimization – UPES, Dehradun | India

Accomplishments

- Digital Enterprise Strategy Meet, Star Performer Award for Year 2023 | Honoured as the 'Star Performer Award for the year 2023, Digital Enterprise in the Digital Enterprise Strategy Meet, Maruti Suzuki, Gurgaon
- Star Performer | Awarded the 'Star Performer' continuously 2 years in a row for exceptional performance in achieving enterprise goals & support Maruti Suzuki achieve its vision of MSIL 3.0.

Certifications

Power BI for Desktop for Business Intelligence
Business Analytics Specialist, IBM
SAFe Product Manager / Product Owner

Extra-Curriculars

- Coordinated TechX Club at IIM Ahmedabad, driving technology engagement and collaborative innovation initiatives.
- Volunteered with Sanshil Foundation, teaching NCIS to senior secondary students, leading faculty and student training for online learning, and implementing digital infrastructure to sustain education continuity.