

# SAIKAT BARMAN

Technology Leader | Enterprise Architecture | Digital Transformation

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## EXECUTIVE SUMMARY

Technology Leader with 19+ years of expertise in enterprise architecture and digital innovation, hands-on with GenAI integration and cloud-native scaling. Skilled in aligning business strategies with technical solutions to accelerate product development and start-up growth across diverse industries. Proven track record of strategically enhancing operational efficiency and delivering robust, scalable platforms that drive sustained organizational success.

## EXPERIENCE

### Director of Engineering

Singularis Ventures 10/2024 India, Oman

#### A company focused on delivering educational platform solutions

- Responsible for setting up and scaling the Development Centre in India, overseeing end-to-end product development
- Successfully acquired 04 projects across different domains, driving business growth
- Established full-scale operations from the ground up within 6 months

### AVP – Information Technology

TATA AIA Life Insurance Corp. Ltd. 03/2023 - 10/2024 India

#### A TATA Group Company, leading Fintech in Life & Health Insurances

- Developed 'Insurance Wallet', enhancing customer engagement and processing 1Cr transaction value in first 50 day
- Received 3 leadership excellence awards resulting from managing a tech team of 18 professionals
- Drove adoption of API-first strategy, increasing KYC API integration efficiency by 90% across multiple Govt and non-Govt platforms

### Head of Engineering and Core Business Applications

Tangerine Africa 04/2022 - 11/2022 India, Africa

#### A technology company focused on financial services in African region

- Defined the technology roadmap and strategic vision for Tangerine Africa for the year 2022-25
- Enforced enterprise communication architecture for 5 group companies to establish seamless exchange of data with compliances

### Head Applications – IT

Prudent Insurance Brokers Pvt. Ltd. 01/2021 - 01/2022 India

#### Second-Largest Insurance broking firm in India

- Spearheaded Contact Centre automation via AI-driven Decision Tree WhatsApp bot, accelerating customer response time by 99% (24 hrs to 3 min) and significantly enhancing CSAT scores
- Improved strategic alignment across 06 channels by establishing Communication SLA and Traceability as per IRDA guidelines
- Applied transformative solutions, driving process automation and cost savings, impacting budgets by 18Cr
- Architected a centralized Data Lake and Employee Benefit Platform, leveraging predictive analytics capabilities to enable real-time, data-driven decision making across all channels
- Advocated Data Security and Compliances with Digital Transformation

## PROFESSIONAL EXCELLENCE



### Growth-First

Built & Scaled Singularis GCC @ Gurgaon with 40% Top-line Impact



### Product Innovation

Delivered a market-first Digital Wallet for Health & Life Insurance, which surpassed 1Cr TV within first 50 days



### Start-up Ecosystem

Built 03 start-up tech & product teams from ground zero, focussing on scalable Platform Engineering and DevSecOps



### Operational Efficiency & Automation

Turned around a suboptimal project into a high-margin venture by implementing end-to-end Process Automation, reducing manual overhead by 92%, and accelerating delivery cycles



### Global Innovation Award

Finalist for consecutive 02 years and 03 times pre-finalist in Regionals at global Level Innovation Challenge, organiser by TATA Group



### Leadership Recognition

Recognised for exceptional leadership and performance through multiple awards, like **TATA AIA Pinnacle & Sarathi Awards** (for FY 2022 -23)

## CERTIFICATION

### Start-up India & Invest India Certification

Certification from the Government of India focused on start-ups and investments

### Project Management Professional (PMP v4)

Professional training in project management methodologies

### Silver Medalist – TATA BELP

Recognized for outstanding performance by TATA Group in Business Excellence Program

### Lead Auditor - ISO 9001-2008

Trained and recognised by TATA Projects as lead auditor for Internal Processes

## EXPERIENCE

### Partner – Engineering

SecureNow Insurance Brokers 📅 09/2019 - 01/2021 📍 India

#### An Insurance broker positioning among India's Top 5 Insurtech (2020)

- Reduced go-to-market time from 6 weeks to 30 minutes by architecting an Open API Engine incorporated with 5 insurance partners
- Led development of a PWA connecting 4 channel partners for Employee Benefits and Claims, improving process integration
- Recognized as Featured Employee of the Year 2020 for driving key technological innovations
- Introduced Microservice Architecture & DevOps practices, reducing OPEX between 20L-24L per annum, optimising OPEX to 1.2Cr per annum

### Technical Manager – IT

DSM Fresh Foods Pvt. Ltd 📅 08/2018 - 08/2019 📍 India

#### A Listed Company in fresh meat and sea-food delivery

- Upgraded the technology stack from servlets to microservices using Spring Boot 2.x with Spring Cloud Configs
- Implemented inventory management system and delivery tracking, reducing delivery tracking errors by 60% (12 to 20 per day delivery)
- Orchestrated Digital marketing initiatives with vendor partnerships, increasing campaign reach by 300% (350 to 900+ approx orders per day)

### Co-Founder & Solution Architect

KATM Technologies Pvt. Ltd 📅 07/2016 - 08/2018 📍 India

#### A B2B e-Commerce platform for high-value commodity trading

- Co-founded KATM Technologies Pvt. Ltd and led a team of 18 to achieve ₹33 LPA PBT within 9 months.
- Built and managed a 6-member IT team to launch a commodity trading platform within 3 months of inception.
- Developed an n-dimensional auction algorithm reducing negotiation time from 60 days to 1 day, boosting operational efficiency.

### Group Manager

Mjunction Services Pvt. Ltd 📅 07/2007 - 07/2016 📍 India

An online marketplace for B2B transactions

- Reduced IT support costs by 94% for Coal Auction System, driving process innovation.
- Generated 54 lakh INR revenue by launching India's first Online Transport and Shipping auction platform.
- Achieved 02 crore INR cost savings by implementing first-ever online tea buying process innovation for TEA Procurement.
- Maintained top 5% talent recognition at mjunction over 09 consecutive years, demonstrating consistent high performance.

### Sr. Executive (MHE division)

Godrej & Boyce Mfg. Co. Ltd 📅 07/2006 - 07/2007 📍 India

#### A flagship company of the Godrej Enterprises Group

- Increased forklift sales by 170% in FY 06-07 by researching market demand and establishing partnerships for Komatsu and Crown equipment.
- Researched and introduced 2 imported material handling equipment brands, Komatsu and Crown, expanding product portfolio at Godrej & Boyce.

## DOMAIN EXPOSURE

### Insure Tech/ Fintech



### eCommerce / B2C



### E-Auction / E-Tendering Systems



### Procurement Automations (P2P)



### Edu Tech Platforms



### Health Tech & Employee Benefit



### Supply Chain/ Inventory Management



### Enterprise Platforms/ B2B/ CRM Systems



## SKILLS

### Strategic & Leadership

Digital Transformation & Innovation, Global Team Scaling (80+ FTE), Budget and Estimation, Quality Delivery Management, Stakeholder Mgmt, C-Suite Alignment, Change Management, Agile Methodologies (Kanban, Scrum), Coaching, Mentoring, Talent Retention, Risk & Compliance Management (PMP, ISO 9001, SEI-CMM V), CFT, Enterprise Architecture, Product Development, Data Driven Decision Making, Cross-functional Expertise

### Platform Engineering

API-First Strategy (OpenAPI), Microservices, SOA, Cloud Innovation (AWS, Azure PaaS/ SaaS), DevSecOps Leadership, Process Automation & Optimization, CI/CD Pipelines, Agile Engineering, Distributed Systems, Scalable Architecture, Data Lakes, Warehousing, Business Intelligence (BI), AML

### Core Technologies

Languages: Java, Node.js, JavaScript, Python, Frameworks: Spring Boot, React, Angular, MERN Stack, Databases: IBM DB2, PostgreSQL, MongoDB, Redis, Tools: Postman, JIRA, Middleware, Blockchain

## PROJECTS

### # Offshore Delivery Centre & Client Solutions

📅 10/2024 - 12/2025

🔗 <https://bit.ly/aula-saikat>

#### Project Aula (LXP) and Digi-Spin (IP Management System)

- Successfully established a delivery centre in India with a team size of 30 high-performing individuals.
- Augmented and migrated existing processes for client service and support in four months.
- Met and exceeded expectations by 90% for the project, acknowledged by the client as part of the renewal process.

### # Singularis - World Of Work

📅 11/2024 - 03/2026

🔗 <https://bit.ly/singularis-saikat>

#### A project focusing on building an educational networking platform

- Enhancing employability by delivering an AI-based networking platform connecting 35,000 global learners by March 2026
- Beta Version Launched on 15th of October 2025
- Developed on MERN Stack & Deployed on AWS with GitActions as CI/CD

### # Digital Wallet

📅 10/2023 - 03/2024

#### A unique, Market First Product from TATA AIA, consolidating Health and Life benefits and payouts via integrated wallet

- Advanced launch of insurance digital wallet platform
- Developed on MERN Stack & Deployed on Azure with Jenkins as CI/CD

### # Employee Benefit Contact Centre

#### Employee Benefit Platform with integrated claims and contact centre for upselling and cross-selling insurance products

- Architected an EB Platform with OPEX 1.8Cr for a duration of 09 months
- Implemented microservice architecture using Java, Spring Boot, ReactJS, and PostgreSQL integrated with Policy Admin Console

### # E-Auction & Online Negotiation

#### E-Auction & Online Negotiation Platform at KATM & mjunction

- Implemented algorithm-based solutions for E-Auction, enhancing negotiation processes with 17+ auction rules
- Streamlined workflows, significantly improving operational efficiency
- Implemented microservice architecture using Java, Spring Boot, Angular, and RDBMS, hosted on Azure

### # Data Warehousing and Data Analytics

#### Data Analytics & E-Sourcing / E-Selling project at mjunction

- Increased seller engagement by developing predictive analytics for e-commerce portals
- Decreased sourcing time from 05 days to 02 days (60% improvement) by automating complete workflow

### # Supplier Master and Self Sourcing Platform

#### A SaaS-based Supplier Database & self servicing platform in mjunction

- Built on IBM DB2, OLAP used along with ETL for DB integration
- Self Servicing B2B auction platform developed during FY 2009-10 @ MJ

## STRATEGIC FOCUS



Global Platform Engineering & Connected Systems



Applied GenAI, Data Strategy & Risk Management



Product Innovation & User Experience (UX)



Digital Transformation, Open API Strategy & Mobile-First Approach

## EDUCATION

### Advanced Program in Fintech and Financial Block Chain

Indian Institute of Management, Calcutta

📅 09/2021 - 05/2022 📍 Kolkata, India

### Bachelor of Technology, Mechanical Engineering

National Institute of Technology, Silchar

📅 07/2002 - 04/2006 📍 Silchar, India

## LANGUAGES

English Proficient ●●●●●

Hindi Proficient ●●●●●

Bengali Native ●●●●●

Assamese Proficient ●●●●●

## PERSONAL INFORMATION



Date Of Birth

28 November 1984



Address

1134, 1st Floor, IFFCO Colony, Sector 17B, Gurgaon 122001, Haryana

## FIND ME ONLINE



Portfolio and Projects

[www.saikatbarman.com](http://www.saikatbarman.com)



<https://github.com/nopaperwork>

nopaperwork



KATM Product Conception

<https://bit.ly/sb-emd>



SecureNow Article

<https://bit.ly/ssn-t5>