# SAIKAT BARMAN

Strategic Technology Leader // Enterprise Architecture & Cloud Transformation

*Driving Digital Transformation, Cloud Innovation, and High-Impact Technology Strategies for Scalable Business Growth*

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## CORE COMPETENCIES

- Technology Strategy, Roadmap Development & AI Implementations
- Digital Transformation & Innovation
- Enterprise Architecture & Solution Design
- Cloud Architecture & Implementation
- SOA & Micro-service Architecture
- API FIRST & Systems Integration
- SaaS/PaaS Models & Platform Enablement
- Agile Transformation & DevOps Leadership
- Project & Program Management (PMP)
- Operational Excellence & Process Optimization
- High-Performing Team Leadership
- Stakeholder & C-Level Collaboration
- Business Impact & Revenue Optimization
- AI Integration with LLM Platforms with OST

## CERTIFICATIONS

- **Start-up India & Invest India Certification** – Government of India
- **Project Management Professional (PMP) Training**
- **Silver Medalist** – TATA BELP (Business Excellence Leadership Program)

## DOMAIN EXPOSURE

InsurTech | FinTech | E-commerce & B2B/B2C Platforms | Ed-Tech | E-Auction & E-Tendering Systems | Spend Management & CRM Systems| Health Tech & Emp Benefit

## EDUCATION

**Advanced Program in FinTech & Financial Blockchain** – IIM Kolkata, 2022

## SOFT SKILLS

- Analytical Thinking
- Problem-Solving & Decision-Making
- Influential Communication
- Cross-functional Collaboration
- Adaptability & Learning Agility

## PROFILE SUMMARY

- Accomplished professional with over 19 years of experience driving **digital transformation**, **enterprise architecture**, and **technology-led business growth**, consistently delivering measurable impact on **revenue**, **operational efficiency**, and **client satisfaction**.

- Proven expertise in **SOA** and **micro-service architectures**, **API-first platforms**, **SaaS/PaaS models**, **cloud solutions (AWS, Azure)**, and **integrated IT ecosystems**, enabling **scalable**, **secure**, and **high-performing technology landscapes** aligned with business vision.

- Deep expertise in **building and leading high-performing teams**, managing **80+ direct and indirect technical and program management resources**, mentoring talent, driving **agile execution**, and fostering a culture of **innovation**, **accountability**, and **operational excellence**.

- Resourceful in **operational excellence** and **process optimization**, delivering projects ahead of schedule, reducing **GTM from 6 weeks to 30 minutes**, implementing **DevOps practices**, **CI/CD pipelines**, **automation frameworks**, and **workflow optimization**, while adhering to **SEI CMM** and **compliance standards**.

- Proficient in driving **business impact** and **revenue growth**, conceptualizing and deploying **market-first products**, **digital platforms**, and **IT-enabled start-ups**, achieving **42% top-line growth**, optimizing **OPEX**, and ensuring measurable **ROI**.

- Skilled in **stakeholder management**, **client engagement**, and **cross-functional collaboration**, working closely with **C-level executives**, **clients**, and **vendor partners**, ensuring **project success**, **multi-year contract renewals**, and high **client satisfaction**.

- Recognized for **innovation**, **thought leadership**, and **process excellence**, awarded for **transformational projects**, **operational turnarounds**, **in-house IT capability building**, and **data-driven decision-making**, leveraging **data analytics**, **business intelligence**, and **predictive modeling.**

## TECHNICAL SKILLS

| | |
|---|---|
| **Programming & Scripting Language** | Java/J2EE, NodeJS, JavaScript, HTML, CSS |
| **Frontend Frameworks** | ReactJS, AngularJS |
| **Backend & Frameworks** | Spring Boot, Spring MVC, Spring Security, Micro-services, SOA |
| **Databases** | MySQL, DB2, Oracle, PostgreSQL, MongoDB, Redis etc. |
| **Cloud & Platforms** | AWS, Azure, SaaS, PaaS |
| **DevOps & Automation** | CI/CD, DevOps practices, Build or Buy, Service Delivery Automation |
| **Project & Program Management** | Agile (Scrum, Kanban), Waterfall, PMP principles, Risk & Resource Management |
| **Data & Analytics** | Data Lake, Data Warehouse, Business Intelligence, Predictive Analytics, Algorithm Design, ML Articulation, Data Analytics |
| **Security & Compliance** | Security, Compliance & Risk Management (SEI CMM ML-V), DevSecOps |
| **Integration & APIs** | RESTful APIs, Open API Engine, Middleware |
| **Tools & IDEs** | IntelliJ IDEA, Visual Studio, Postman, JIRA |

## NOTABLE ACCOMPLISHMENTS

- **TATA AIA Pinnacle & Sarathi Awards** – Recognized for exceptional leadership and performance.
- **SecureNow Featured Employee (2020)** – Outstanding contribution to product and process excellence.
- **Top 5% Talent @ mjunction** – Sustained high performance individual for consecutive 9+ years.
- **Coal Junction Vertical Turnaround** – Transformed an under-performing project into a profitable venture.
- **CEO's Perfect Execution Model Contribution** – Key contributor to organizational process excellence.
- **TATA InnoVista Finalist** – Selected twice consecutively and thrice for regional rounds in an International initiatives for innovation, organizer by TATA Group

## STRATEGIC LEADERSHIP AND KEY INITIATIVES

- **Offshore Delivery & Client Solutions – [Singularis Ventures]**
Established an Offshore Delivery Centre in India (30+ resources) and migrated client processes in 4 months, exceeding expectations by 90%.
- **Singularis - World Of Work – [Singularis Ventures]**
Developing a networking platform in Education Domain from ground up. Launch date is due for the SaaS based Platform for Learners and Educators.
- **InsurTech Innovation – Digi Wallet [TATA AIA]**
Architected and launched a market-first **Digital Wallet** for Health & Life Insurance, achieving **INR 1 Cr. transactions** in 50 days.
- **Enterprise Architecture – [Tangerine Financials]**
Re-architected FinTech ecosystem, introducing **middleware** for **single source of truth** and seamless **system communication**.
- **Employee Benefits & Partner Platforms – [Prudent & SecureNow]**
Designed EB Contact Centre **architecture** and portal with 3-year plan; built **API engine** reducing cycle time from 6 weeks to 30 minutes.
Developed **PWAs** (Angular/ReactJS) and implemented hybrid **Build/Buy model** to boost throughput and reduce risk.
- **E-Auction & Online Negotiation – [KATM & mjunction]**
Implemented **VIU** Algo and **decision-tree Algorithms** for commodity auctions; streamlined workflows to reduce **TAT** and optimize negotiation.
- **Data Analytics & E-Sourcing / E-Selling – [mjunction]**
Developed **predictive analytics** for e-commerce portals; automated sourcing workflows (60% **TAT reduction**) and enhanced **EMD/refund processes**.

## WORK EXPERIENCE

**Oct'24 –Present | Singularis Ventures, India | Director of Engineering**

- **Development Centre Establishment & Scaling:** Responsible for setting up and scaling the Development Centre in India, overseeing end-to-end product development, delivery, and IT services for a leading UK university.
- **Project Acquisition & Multi-Domain Execution:** Successfully acquired 4 projects across 2 different domains and geographies, driving business growth and expanding service offerings.
- **Operational Excellence:** Established Singularis India Operations from ground zero to a fully functional service company within 6 months, ensuring seamless operations and delivery capability.

**Mar'23 – Oct'24 | TATA AIA Life Insurance Corp. Ltd., India | AVP – Information Technology**

- **API-First Strategy & Technology Leadership:** Led the organization's API-first strategy, driving adoption of a modern, future-ready technology stack.
- **Product Innovation – Insurance Wallet:** Conceptualized and developed "Insurance Wallet," a unique platform consolidating Health and Life benefits for enhanced customer experience.
- **Data-Driven Insights – User Propensity Model:** Developed a User Propensity Model to identify product prospects and deliver personalized benefit offerings, improving targeting and engagement.
- **Awards & Recognition:** Honored with Pinnacle & Sarathi Awards for leadership excellence and Star Performance Award for outstanding team management.

**Apr'22 – Nov'22 | Tangerine Africa, Africa | Head of Engineering and Core Business Applications**

- **Technology Roadmap & Strategic Vision:** Defined the technology roadmap for Tangerine Africa Group, establishing a clear vision for 2025.
- **Technology Assessment & Strategy Formulation:** Conducted comprehensive technology assessments across group companies to develop the 2025 technology strategy.
- **Enterprise Architecture & System Integration:** Established enterprise architecture for the InsurTech ecosystem, creating a single source of truth and streamlining communication between legacy and isolated systems through middleware implementation.

**Jan'21 – Jan'22 | Prudent Insurance Brokers Pvt. Ltd., India | Head Applications – IT**

- **Strategic Technology & Enterprise Architecture:** Defined technology roadmaps for organizations including Tangerine Africa and Singularis India, implementing API-first strategies, microservices, middleware, and enterprise architectures that enabled scalable B2B/B2C marketplaces, InsurTech ecosystems, and integrated Employee Benefit platforms.
- **Product Innovation & Process Optimization:** Conceptualized and delivered transformative solutions such as Insurance Wallet, blockchain-based EMD Management systems, CP Auctions, vessel chartering e-auctions, and internal pricing engines, driving process automation, transparency, cost savings, and enhanced customer experiences.
- **Leadership, Team & Operations Excellence:** Established and scaled IT development centers, built high-performing technical teams of 50+, led pre-sales and project delivery across multiple geographies, designed multi-channel communication architectures, and received multiple leadership and performance awards

**Sept'19 – Jan'21 | SecureNow Insurance Brokers Pvt. Ltd., India | Partner – Engineering**

- **Strategic Technology & Architecture:** Defined technology roadmaps and enterprise architectures for Tangerine Africa, Singularis India, and SecureNow, implementing API-first, micro-services, middleware, and DevOps for scalable B2B/B2C and InsurTech platforms.

- **Product & Process Innovation:** Delivered Insurance Wallet, blockchain EMD Management, CP Auctions, vessel chartering e-auctions, PWAs, Open API Engines, and Risk Diagnostic Tools, driving automation, transparency, and cost savings.
- **Project & Operational Excellence:** Built IT roadmaps, CI/CD pipelines, and multi-channel communication systems, optimizing insurance premium and claims processes, reducing TAT, OPEX, and time-to-market.
- **Leadership & Team Enablement:** Scaled development centers, led 50+ technical resources, drove pre-sales and multi-geography projects, implemented hybrid build/buy models, earning multiple awards for innovation and efficiency.

**Sept'18 – Aug'19 | DSM Fresh Foods Pvt. Ltd., India | Technical Manager – IT**

- **Technology Strategy & Architecture:** Defined software and IT roadmaps, upgraded B2B/B2C platforms, and implemented API-first, micro-services, and CMMI ML-III–aligned architectures across multiple organizations.
- **Product & Process Innovation:** Delivered Insurance Wallet, blockchain-based EMD Management, CP Auctions, vessel chartering e-auctions, PWA apps, Open API Engine, internal pricing engines, and Risk Diagnostic Tools, driving automation, transparency, and cost savings.
- **Project & Operational Excellence:** Built CI/CD pipelines, multi-channel communication architectures, optimized insurance premium and claims processes, and scaled teams while reducing TAT, GTM, and IT OPEX.
- **Leadership & Team Enablement:** Established and scaled development centers, led 50+ technical resources, drove pre-sales and project delivery across geographies, and earned multiple awards.

## PREVIOUS EXPERIENCE

Jul'16 – Aug'18 | KATM Technologies Pvt. Ltd., India | Co-Founder & Solution Architect
Jul'07 – Jul'16 | Mjunction Services Pvt. Ltd., India | Group Manager
Jul'06 – Jul'07 | Godrej & Boyce Mfg. Co. Ltd., India | Sr. Executive

## KEY RESULT AREAS ACROSS THE CAREER

**Enterprise Architecture & Technology Strategy – Product & System Innovation**

- **Software Product Roadmap & Architecture:** Designed the organization's software product roadmap and implemented industry-standard micro-services, creating scalable B2B/B2C marketplaces and enabling seamless business integrations.
- **Algorithm & Platform Innovation:** Developed an n-dimensional bidding algorithm for VIU evaluation and conceptualized a blockchain-based EMD Management System, ensuring accurate pricing, secure transactions, and optimized tender processes.\
- **CI/CD & Operational Excellence:** Implemented CI/CD pipelines and built high-performing IT Development & Operations teams, accelerating delivery timelines, enhancing system reliability, and boosting team efficiency.

**Project Management & Delivery Excellence – End-to-End Oversight**

- **Comprehensive Project Execution:** Managed projects from initiation to closure, including planning, estimation, scheduling, risk management, stakeholder communication, and change control, delivering quality solutions within budget and deadlines.
- **Technical Leadership & Development:** Designed high-level technical architectures, analyzed business and functional requirements, and developed complex software platforms following DevSecOps standards, ensuring code quality, interoperability, and production readiness.
- **Pre-Sales & Client Engagement:** Led pre-sales efforts, client interactions, proposal development, and effort estimations, strengthening business acquisition and client satisfaction.

**Process Innovation & Business Impact – Transformational Solutions**

- **Automation & Blockchain Solutions:** Automated supply chain and EMD management systems via blockchain, ensuring secure, transparent, and efficient operations.
- **E-Auction & Procurement Innovations:** Re-engineered CP Auctions (handling INR 700 Cr. transaction), designed India's first vessel chartering e-auction (saving 40% annually), and created a tea procurement platform for a Tata Group company, increasing transparency, efficiency, and ease of doing business.
- **Pricing & Refund Optimization:** Developed an internal pricing engine for transportation costs and optimized the EMD refund process by 94%, enhancing accuracy, reducing turnaround time, and delivering superior customer satisfaction.

**Team Leadership & Organizational Enablement – High-Performance Delivery**

- **Leading Technical Teams:** Directed and mentored a team of 80+ technical resources, ensuring seamless coordination, adherence to development guidelines, and successful product releases.
- **Governance & Best Practices:** Structured project delivery teams to enforce compliance, implement best practices, and maintain technical excellence across the organization.

## PERSONAL DETAILS

**Languages Known:** English, Hindi, Bengali, Assamese
**Location:** Gurgaon, Haryana