Resume of Sudin Baraokar – August 2020

Sudin Baraokar is an Emerging Tech Serial Innovator and collaborator having served in SBI, Barclays, IBM and GE as Head of Innovation and VP/CIO and Senior Technology Advisory Roles. Currently serves as IT and Innovation Advisor to Global Banks and Fintechs and Chairs the Bankchain Alliance which is established to collaborate and co-develop Blockchain and Emerging Tech Solutions for 30+ Global Banks.

Sudin has Worked on 70+ Technologies and Platforms, Emerging Tech, Regulatory Tech, Risk Tech, Core Banking Engines, Complex Event Processing, Business Rules Management Systems, Adaptive Security, Synthetic Data, Blockchain, AI, Digital Evangelist, Automation, Architect and Strategist. Advised on Building Digital Banks, Digital Payment Ecosystems, Fintech Services Digital Superstore using Blockchain and Digital Technologies. Developed Services for Money Payments, Collection, Lending, Securing, Protecting and Advisory Serves. Developed Financial Services Payment Switch for Banks. Developed Cross Border Remittance Appliances. Worked on APIs and Regulatory Sandboxes for Blockchain Solution Testing and Validation. Evaluated over 20+ Blockchain Fabrics. Has Worked on Retail Banking, Corporate Banking, SMB Lending, Credit Cards, Investment Banking, Mergers and Acquisition, Trade Finance, Insurance and Wealth Management

Extensive Experience in Technology Platforms Management, Strategy, Innovation, Transformation, Product Engineering and Development positions and roles in BFSI, Manufacturing and Services Sectors

Advisor to Global Enterprises on IOT, AI, Automation, Data Science, Blockchain Models, use Cases, Architecture, Pilots and Solutions, Blockchain Fabrics. Global Speaker on Emerging Tech Strategy, Innovations, FinTech and Emerging Technology and Business Models. Avid Golfer, Singer, Charity Volunteer, Researcher on Future Tech, Economics, Sports, History and Music.

Worked across more then 70+ Technologies and Platforms including IOT, Go Digital, Blockchain, Artificial Intelligence, Core Banking System (CBS), Enterprise Risk Management (ERM), Enterprise Data Warehousing (EDW), Data Analytics, Data Mining, Business Process Management (BPM), Enterprise Messaging, Enterprise Work Collaboration, Data Governance, Data Security, Mainframe (TPF/CICS), Unix, Linux, Windows, Services Oriented Architecture (SOA), Enterprise Resource Planning (ERP), Supply Chain Management (SCM), Data Sourcing and Casting, Cloud, Go Digital, Mobility, Channels, Complex Event Processing (CEP), PLM (Product Life Cycle Management)

Experience in TOGAF and Open Group Frameworks and Standards. Have delivered Business, Data, Application and Technology Architecture across BFSI, Manufacturing, Supply Chain, Retail, Healthcare and Services Domains. Delivered Digital First, Cloud First, Mobile First and AI First Architecture. Expertise in Run time and Deployment Architecture and Architecture Design Patterns Have worked on both 3 Tier Architecture and now Server-less and Schema-less Architecture. Have worked on Cloud, Hybrid Cloud and On-prem Architecture and High Scale Systems. Expertise in Digital Platforms, Application Transformation and Infrastructure Transformation Architecture. Have worked on Devops, Agile, Low Code/No Code, Code Re-use and Automation Architecture. Worked on APIs and Regulatory Sandboxes for Emerging Tech Solution like AI, IOT, Innovation Platforms and Blockchain Expertise in Global Procurement, Technology Eval, Enterprise Architecture, Use Cases, Roadmap and Strategy, Vendor Relationships, Platform Shelf Life, Costing Models, Capex vs Opex Models, Support, QA and Security Product Coverage and competitive landscape, strategies, Addressable Market and Segment Focus, Differentiation, Roadmap, Outlook, Trends, Disruptions Experience in overall IT Strategy Relationship Management, Transformation, innovation, Collaboration Ecosystems, IT Budgets, Allocation, trends, outlook, Spending Patterns, Experience on Core banking , APIs, Risk Management, Security, Big Data, Data Lake, Analytics, Cloud, Automation, and Regulatory Sandboxes for Fintech Solution Testing and Validation.

Sudin can add Vision, Value, Transformation, Research, Advise, Mentor, Networking and Collaboration to Organisation who want to strengthen their Management, Transform, Save Costs and Re-imagine with new age Design Thinking and Innovation.

Expertise in Management, Strategy, Engineering and Development, Innovation, Transformation, Change, R&D, Collaboration, Risk, Compliance and Audit, Governance, Information and Data Management, CXO Advisory, Operations, Technology Finance and Economics, Emerging Technologies, Architecture & Frameworks, Consulting, Business Development, Sales, Marketing and Knowledge Management

Currently Global IT and Innovation Advisor to Global Organisations in Enterprise Architecture, Emerging Tech Innovation, AI, Blockchain, Data Science, Engineering Simulation, Fintech, IOT, Cloud, Analytics, DevOps, Security, APIs, Data Lakes, ERP, SCM across Banking, Insurance, Manufacturing, Retail, Education, Healthcare and Services

Sudin has a B.E. Computer Engg Degree and is also pursuing PHD in Computer / Data Science.

Recent Awards Won
ET CIO Award for Technology Leadership - Mar 2018 (HYD)
ELETS BFSI Award for IT Leadership - May 2017 (Mumbai)
SKOCH IT Innovation Award for AI - Dec 2017 (Delhi)
CSI IT Innovation Leadership - Nov 2017 (Mumbai)
Express Computer Innovation Award (Kolkatta)

https://economictimes.indiatimes.com/industry/banking/finance/banking/sbi-to-use-blockchain-for-smart-contracts-and-kyc-by-next-month/articleshow/61715860.cms

https://educationpostonline.in/2017/10/19/sbi-launches-2nd-sbi-digital-hackathon-digitize-for-bank-d4b2017/

https://emerj.com/ai-sector-overviews/ai-applications-in-the-top-4-indian-banks/

https://www.ca.com/content/dam/ca/us/files/case-studies/state-bank-of-india-drives-innovation-and-growth-with-ca-technologies.pdf

Below are links to Previous Industry Awards and Presentation of Solutions Developed and Delivered –

Leveraging Technology for Business Transformation May 2014
http://www.mptfci.com/ciotech/speakers.htm

Winner IDC Innovation Award Nov 2014
http://idciia.in/Winners-2014.aspx

Software Development Leader Award Sept 2015
http://unicomlearning.com/Software_development_awards/

Winner NextCIO 100 Award – November 2014 – Presented by ITNEXTCIO
http://www.itnext.in/digital_assets/99d82479-f998-433f-9f78-f4f48fdc1ac8/IT-NEXT-Vol-05-Issue-11-December-2014-final-%281%29.pdf

Predictive Cloud Analytics
http://www-03.ibm.com/software/businesscasestudies/bg/bg/corp?synkey=Y878088O65632B57

Unified Multi Channel Analytics
http://www-01.ibm.com/software/tivoli/customer/barclays/

Speaker at Pune Cloud Conference 2014 (Unicom - India Cloud Week)
http://cloudindia.info/allspeakers#

Compliance, Risk, Audit
www.cio.in/cio-tv/industry-voicesbfsi

India Big Data week 2014
http://www.bigdatainnovation.org/pune/program

Presented Big Data Innovation Lecture at Unicom Workshop in Pune in April 2013. Presented 4 M's of Big Data -
http://www.unicomlearning.com/event/seminar/big-data-innovation-driving-business-success-pune

Speaker at IBM Pulse 2013 at MGM, Las Vegas on Workload Integration of Private Cloud with ESB and UDDI at Barclays.
http://www.vivastream.com/users/31745

Sepaker at IOD - Information on Demand 2013 (Las Vegas, Mandalay Bay)
http://www.ibmbigdatahub.com/sites/default/files/pdf/Customer-Roundtables-Final.pdf

Speaker at CIO Summit 2013
http://www.cio.in/feature/transforming-workstyle-seamless-secure-mobility#

Panel Speaker on Maturation of Open Virtualization using Red Hat Linux at IBM Software Pulse 2012 in MGM, Las Vegas.
http://www.dbta.com/Articles/Editorial/Linux-News/Pulse-2012-Panel-Discussion-Focuses-on-Maturation-of-Open-Virtualization-81394.aspx

Speaker on Open Virtualization (Cloud and new models for Service) and IBM ISDM Private Cloud Application Software Catalog at IBM Software Pulse 2012 in MGM, Las Vegas.
http://www-03.ibm.com/linux/Pulse2012/

Speaker at Pulse 2012 (Las Vegas, MGM)
http://www-03.ibm.com/linux/Pulse2012/

Speaker on the "Future of Data warehousing" from an Information Research perspective at BI Conference in Pune in January 2011 at YASHADA center organised by Silicon India.
http://www.siliconindia.com/events-speakers/Business-Intelligence-Conference-Pune-BusiConfPune2010.html

Current:
IT Advisor   : **Global Banks, BFSI, Manufacturing, Service Companies, Startups, Academia,**
                                                     Government

Designation	:	IT Advisor
Role	:	Advisor IT, Engineering and Development
Duration	:	Nov 2014 to Present

Design, Development, Implementation, GTM, Advisory roles across Strategy, Roadmap, Innovation, Emerging Tech, Engineering and Development, IOT, AI, ML, Blockchain, AR/VR/MR, Low Code, No Code, Cloud First, Go Digital, RPA, IPA, Synthetic Data, Blockchain, Smart Contracts, Data Science, Algorithms as a Service, Service Virtualisation, API, Payments, Mobile Apps (SBI YONO Mobile App - Bank in a Box), Automated Data Sourcing, Hyper Converged Infrastructure, Application and Infrastructure
Modernisation and Transformation

Implemented Asset Tracking, EUC End Use Computing Connectivty, 5G, Edge, Telematics, Autonomic Vehicles, QOS (Quality of Service), Data Telemetry, Device Management and Device Registry, Data Management and Storage, Smart Buildings, Automated Guided Vehicles, Edge and Fog Computing, IOT Smart Sensors, OBD - On Board Diagnostics, Device Management, RTOS (Real Time Operating System), MQTT Protocol, QOS (Quality of Service), Data Telemetry, Connectivity and Message Routing, Device Management and Device Registry, Data Management and Storage, Event Management, Analytics & UI, Application Enablement, Open APIs

Can discuss cost, service, security, connectivity, protocols, technology Stack, Telemetry, Analytics
Tied to number of connected assets, security, Quality of Service, IOT Workloads, Data Sourcing, Data Management
Experience on IOT Platforms - Hitachi Lumada, GE Predix, Siemens MindSphere, NTT iQuattro, PTC Thingworx, IBM Watson
Implemented Contact Tracing and Asset Tracking Solutions, System of Record, System of Engagement, Monitoring, GPS, Geo Location, Alerts, Notification, IP Targeting Technology, IOT, Computer Vision APIs, UCaaS, CPaaS, A2P - Application to Peer connectivity, P2A - Peer to Application connectivity, P2P - Peer to Peer Connectivity, Hyper Converged Infra, x86 Roadmap, GPU Computing, Edge/IOT, Data Centers, 5G, Mobile and Cloud First

Advisor to Chairman and Board of SBI for IT, Innovation, Digital and Transformation Strategy, Financial Inclusion, Startup Program, Fintech Collaboration.
Established Bankchain on Feb 8th 2017 Forum for Blockchain/Fintech - Got together an Alliance of 30 Banks (23 Indian and 7 Middle East) to collaborate, co-develop on 10 Pilots out which 2 we have taken into Production (Smart Contracts and KYC for Corporates). This is a first of a kind Initiative in India that helps bring Emerging Technology into fruition. SBI is the Lead Bank to Drive this along with Start-up Primechain whom I have mentored and given Community IP
Sudin has helped SBI to become one of the first Banks in the World to Service Virtualise APIs and Deploy on Cloud with all rules, compliance, security and risk measures followed. Helped SBI to become the fist Bank in the world to offer "APIs on the Fly" to start-ups and developers. Delivered the first Production Beta Smart Contract solution for Blockchain through Bankchain Forum. Designed, Developed and Deployed SBI first Hackathon.
Architectured "APIs on the Fly", Conducted three Hackathons - C4B, D4B and YONO Hackathon, Designed Innovation Centre with 40+ Innovation Zones, Delivered Service Virtualisation for APIs, Incubated and Accelerated start-ups
Implemented Blockchain, API, Artificial Intelligence, Machine Learning, RPA, BOTS, Service Virtualisation, Sharepoint, IOT – CCL (Continuous Computational Language), Data Science (R Language), SAP Hana, CCL, CEP (Complex Event Processing), BRMS, Machine Learning, Artificial Intelligence,
Competency Center Development, Corporate Training, Mentoring, Emerging Technology Adoption, Skill Upgradation
Managed a Technology Team of over 500 Technologists in SBI across India

Duration December 2014 to August 2016 - Independent CIO Advisor, Corporate Technology Trainer, PHD Study

Company	:	**Barclays Bank PLC (Barclays Technology Center) India, Singapore, UK**
Designation	:	Vice President - IT
Role	:	Head Engineering & Development
Duration	:	November 2009 – Novembers 2014

Enterprise Architecture Product Engineering and Development for Barclays Retail Bank, Barclay Credit card, Investment Banking, Corporate Bank, Wealth Management, Capital and Insurance Risk across UK, Western Europe, Emerging Markets and USA.
Developed Barclays Banking Cognitives Platform, Advanced Analytics, Strategy Development for Unified Channel Analytics, Long Tail CRM Strategy, E-commerce Platform and Marketplace.
Business Process Management. Business Process Design, Component Business Model, Enterprise Architecture, Business Architecture, Solution Architecture
Global Center Integration, IOT, EUC – End Use Computing Strategy, Workforce sStrategy, Workforce Skill Up-gradation, Global Culture Adoption
Cost Reduction and Value Addition Strategy, Enterprise Knowledge Management Strategy Enterprise Asset Reuse and Optimisation Design Thinking, Enterprise Patterns, Industry Patterns
Started up the Global Innovation Platform in Barclays for 70+ Emerging Technology Applications and Platforms establishing the Global Innovation Platform (GIP) for Emerging Technologies, Set up Global Engineering and Development Centre, Information Workload Analysis , Emerging Technology Center for Optimisation, Application Transformation Strategy, Acceptance of over 4 Intellectual Property Submissions developed on Release Management, Testing, Warehousing and Information Management.

Technology Applications and Infrastructure Operations, Work Flow Automation, Resolution, Reconciliation, Dashboards for Workforce, Process, Inventory, Work Activity Telemetry, Work Force Analytics, Global Center Rules Management, Root Cause Traceability Analysis

Corporate Governance Framework, Information Security Framework, Reference Data Quality, Master Data Management, Barclays Information Catalog for Banking Services

Managed a Technology Team of over 300 Technologists in Barclays across India, Singapore, UK , USA and Africa

Duration April 2009 to October 2009 - Research Sabbatical and Self Study using IBM Training Fund on Cloud Strategy, Information Workload Research, Virtualisation, Visualisation, Automation and Digitisation.

Company	:	**IBM – Global Business Services**
Designation	:	Global Delivery Executive - Phoenix, AZ, US
Role	:	Senior Managing Consulting Director
Duration	:	July 2003 - March 2009

Enterprise Architecture, Signature Sales Method (SSM) Open Stack, India Stack, Solution Architecture, Model Driven Development (MDD), TOGAF, Services Oriented Architecture (SOA), Distributed Relational Database Architecture (DRDA), Spring, ORM, Hibernate, CORBA, EJB, J2EE, CICS, OASIS, Open Stack, IBM Reference Architecture, COBIT, Zachmann Framework, Agile, Cloud Design Patterns, Anti Patterns

P&L Telemetry, Budget Econometric Analysis, Asset Pricing, ALM, Financial Workload related Econometric Yield Curves, Fund Raising, IPO Services, Fund Management, Financial Services Logical Data Model, ACCORD, Core Banking, Wealth Management, Investment Banking, Credit Cards, Quants, Derivatives, Settlements, R&D Tax Benefit Submissions

Risk Models, Complex Event Risk Processing, Business Risk Rules Management, Credit Risk Scoring, Enterprise Risk Reporting for MtM Value, Asset and Liquidity Ratios, Internal Employee Fraud, SOX 404 Event Reporting, SAS 70, SSAE 16, Source to Report Information Visualizer, Audit and Compliance Logger, Fraud

Signature Sales Method, Component Business Model based Selling, Smart Catalog – Automated Updates of Collateral, Global Sales Live Hub Telemetry, Sales Virtual Assistant, Digital Branding, Go-to-Market Strategy, Multi-Sided Environments

Member of Peer-to-Patent Community since 2007 and has been reviewing Patents submitted by IBM, GE, Microsoft, HP et al

Company / Project	:	**General Electric - Global Data Warehouse (GDW) Technology Strategy**
Duration / Location	:	August 2002 – July 2003 / Hyderabad (India), Atlanta GA, Plainville CT (USA)
Responsibility	:	GE BI(Business Intelligence) Global Operations Strategy
Company / Project	:	**Spider Tech - Development of TELCO – Data Warehouse, CRM**
Duration	:	February 1999 – July 2002
Responsibility	:	Solution Architect
Company / Project	:	**iSoftBank - Development of Warehouse for Retail Clients**
Duration	:	April 1996 – Feb 1999
Job Role	:	Data Warehouse Analyst
Company / Project	:	**KK Power Control - Supply Chain Management (SCM)**
Duration	:	June 1993 - April 1996
Job Role	:	System Analyst
Company / Project	:	**Datamatics Ltd – X-Windows Motif, GUI and Device Drivers**
Duration	:	June 1992 - June 1993
Job Role	:	Software Developer

Technologies / Platforms

IOT, RFID, Telematics, Core Banking Systems, Cybersecurity, Governance, Risk, Compliance, TOGAF Architecture Framework, AI, ML , Deep Learning, Blockchain - Multichain, Hyperledge, Sawtooth, IBM/ORacle/CA API Manager,ava/J2EE, Java Script, Mongo DB, Node.js, D3.js, Ember.js, AWS, Azure, Apache Hadoop, Spark, Flume, Pig, Amazon WebServices, Azure, Power BI, Erlang IBM Smart Cloud Orchestrator, IBM Smart Cloud Predictive Analytics, IBM Watson, Cognos, SPSS, Oracle Cloud, Oracle Cloud Marketplace, Oracle Virtual Box, Oracle Java Cloud Service, , Websphere Application Server, Java/J2EE, IBM Websphere Commerce, FeedHenry – Red Hat Mobile Application Platform, C#, SAS CRMS on 9.2, SAS JMP and Panopticon Visualisation, Teradata, Cognos 8x/10x, Ab Initio R3 / Metadata Hub, ILOG BRMS and JViews, TWA 8.6 (Tivoli Workload Automation), Blade Logic, CMOD, MDM, HP Exstream, FileNet, VMware ESX4 / LAB Manager, Hyperic and Application Discovery, Microsoft Hyper-V, IBM Data Stage (Infosphere), Business Objects, Eclipse 3.6, Vertica, UpTime, Mule ESB, Websphere Portal, AMQP, JSON, VMware Cloud Director, IBM MDM (Master Data Management), Trillium, .Net, Vagrant Virtual Box, Cognitive Learning Solutions, M2M IOT MQTT/ AMQP, SAP

Charity and Giveback

Training for under privileged children, Charity Donations to Schools

Contact Details of Sudin Baraokar:

Email: baraokar@yahoo.com;   sudbaro@gmail.com
India (Pune) Cell +91-9850173007
Skype id : sudbaro
WhatsApp: +91-9850173007
LinkedIn Profile *: https://in.linkedin.com/pub/sudin-baraokar/3/635/34*