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Top Skills

Setting up AI and Advanced Analytics Service Delivery Practices, Centre of Excellence, Innovation Labs

Building Data-driven Decision Making Culture, Capability, AI-Advanced Analytics-Data Literacy

AI and Advanced Analytics Strategic Initiatives, AS-IS Assessment, Digital Strategy, Roadmap, Identifying Use Cases, Executing Pilot Projects

Certifications

PRINCE2

ISEB Software Testing

Leadership Competencies for Managing Software Professionals

PMP

Software Lifecycle Management (SLIM) Estimate, Metrics

Honors-Awards

FIRST RANK in the competition launched by MIT - Supply Chain Resilience Evaluation And Mitigation

FIRST RANK in the batch of International Executive Master of Business Administration (MBA) program

14 AWARDS & RECOGNITION (2004-2018)

Publications

Online Learning: Selected Readings Vidyakash 2002

Mobile Social Networking

"Vasistha" - An Instruction Delivery Framework for Online Learning

Suresh Dhamapurkar

Enabling Insights Driven Decision Making | Advanced Analytics, AI-ML, Modeling & Simulations, Visualizations, Dashboards
Mumbai, Maharashtra, India

Summary

SPECIALTY: Delivering FUTURISTIC, INTELLIGENT and EFFICIENT software applications, products, solutions, services, practices and operations powered by ADVANCED ANALYTICS & SIMULATIONS, ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, BIG DATA, CLOUD SERVICES and MODERN SOFTWARE ENGINEERING.

RESEARCH INTERESTS: Strategy, System Dynamics & Complexity, Trade-off Analysis using Mathematical Models, DATA-DRIVEN DECISION MAKING, Reducing cost of PREDICTION/ PRESCRIPTION, Data-driven RISK MITIGATION RESILIENCE STRATEGIES, Building DATA ASSETS to create business VALUE, Intelligent Digital Supply Chains & Manufacturing, FinTech, Personalized Learning & Dev.

29 years of DIVERSE experience helps me quickly understand COMPLEX BUSINESS PROBLEM; see the BIG PICTURE; sense internal & external RISKS; provide RIGHT-FIT solution, most of the time in UNKNOWN areas, under UNCERTAIN, DYNAMIC environment; and share BEST PRACTICES & LEARNINGS across roles, projects, industries, functions.

=> Smart SOLUTIONS at STRATEGIC, TACTICAL & OPERATIONAL level powered by Advanced Analytics & AI, to create a competitive advantage, gain market share, increase profitability, enhance agility & flexibility.

=> Leadership (large BUs), Hands on Technology SME, Deep diver, Consulting, Innovation, Critical Thinking, Problem Solving, Thought Leadership, Solution Architecting, Presales, Researcher, Process Champion, Mentor, Lifelong Learner

=> Interaction with CxO Level

=> IT Services, ITeS, Manufacturing, Supply Chain, Banking & Finance, Transport, Telecom, Educational Technology

=> Multiple Geographies & Cultures: India, NL, UK, France, Germany, Belgium, North America

=> Vast Technology Landscape: traditional, emerging, custom & enterprise solutions, open source, commercial

Steered many STRATEGIC INITIATIVES for superior operational performance, profitability and growth.

=> Lean-Six Sigma, Global Sourcing, Global Distributed Service Delivery Platform, McKinsey P360 Benchmarking, Productivity Benchmarking, Process Models (CMMI SVC, CMMi), International Standards (ISO 9000, ISO 27000, ISO 14000).

Wealth of CERTIFICATIONS in emerging TECHNOLOGY & MANAGEMENT practices from reputed institutions (see Courses & Certifications section):

=> 20+ HIGH QUALITY specialization courses: Advanced Analytics, Data Science, AI, ML, Ethics & Privacy, Supply Chain & Manufacturing Analytics

=> 5 Global Benchmarking Qual: TOGAF Enterprise Architect, PMP, PRINCE2, ISEB Software Testing, SLIM Estimates

=> 7 Edu Qual: Supply Chain Management (*), IE-MBA GM, APGDST & PGDST (NCST), DQM, B.E. Mechanical, LME (VJTI)

Experience

Bizino Data Science & Machine Learning Solutions

Founder & Director

September 2013 - Present

Mumbai

ADVANCED ANALYTICS, ARTIFICIAL INTELLIGENCE (AI) and MACHINE LEARNING (ML) OFFERINGS:

=> Advanced Analytics & AI-ML CONSULTING Services – Strategic, Tactical, Operational

=> Advanced Analytics & AI-ML CoEs and Capability Building WORKSHOPS

=> AI-ML MODEL BUILDING

=> SIMULATION MODELING to understand impact of strategic decisions, capital investments, new product launch. Simulation Modeling to detect delays, to plan for risk mitigation & resilience, Modeling Complexity and System Dynamics

=> Advanced Analytics & AI-ML SOFTWARE ENGINEERING

=> Advanced Analytics & AI-ML MODEL INTEGRATION & DEPLOYMENT

=> Advanced Analytics & AI-ML POWERED SOLUTIONS FOR:

====> FinTech, Finance, IT & ITeS Services, Manufacturing, Retail, Educational Technology, ...

====> Supply Chain Management, Manufacturing Process Control & Optimization, Marketing & Sales, Talent Management, Personalized Learning, ...

====> Strategic Initiatives - Insights-Driven Decision Making Culture, Operational Excellence, Lean, Six Sigma, ...

VALUE PROPOSITION of BIZINO:

Innovative products, solutions and services

Specialize in:

- o Building Intelligent products and services powered by Big Data, Advanced Analytics, AI-ML and Automation technologies to enhance customer experience, increase market share, revenue and profitability.

- o Creating roadmaps for strategic innovations. Setting up AI-Analytics CoEs.

- o Preparing workforce on essential new-age skills to respond quickly to changing customer demands, to sense & adapt to changes, to raise early alerts, to build intelligent products, solutions & services, to practice insights-driven decision-making culture for better efficiency, effectiveness and agility.

- o Solving complex, challenging business problems using right, state-of-the-art tools, techniques, technologies and algorithms from our Knowledge Base.

o Sensing global technology disruptions, trends as early as possible to prepare organizations for minimizing impact and creating distinctive competence.

Multiple Organisations and Educational Institutions

Thought Leader, Speaker, Panel member, Coach, Mentor

January 1997 - Present

Multiple

Participated in conferences & seminars as a SPEAKER, PANEL MEMBER.
Conducted several COMPETENCY BUILDING WORKSHOPS (train the trainer, management & technical staff coaching, etc.)

CONFERENCES & SEMINARS:

- Delivered session on "DATA VISUALIZATION TRENDS for INSIGHTS DRIVEN DECISION MAKING" at DATA VISUALIZATION SUMMIT 2018, Mumbai, organized by UNICOM.

- DESIGNED & conducted 1-day SEMINAR on "TRANSFORMING DATA into ACTIONABLE INSIGHTS" for a NORWEGIAN IT Services company.
Topics: Global DIGITAL trends & success stories, ADVANCED ANALYTICS, VISUALIZATION, DATA SCIENCE, MACHINE LEARNING, BIG DATA, NoSQL, COMPETENCY DEVELOPMENT, DEMOS, etc.

- Delivered session on "POWER of DIGITAL (ADVANCED ANALYTICS, MACHINE LEARNING, DATA SCIENCE, VISUALIZATIONS) to transform Customer Experience for Consumer Durables Industry. @India Immersion Programme, being organised by GODREJ INNOVATION & DESIGN Centre in collaboration with Institute of Design (ID), Illinois Institute of Technology, USA to nurture creative DESIGN THINKING.

- Delivered session on "MASS COLLABORATION TO GAIN COMPETITIVE ADVANTAGE" in the seminar Systems Continuum 2014 organised by SJ MEHTA School of Management, IIT BOMBAY. Seminar theme was "DIGITAL ECONOMY - Leveraging Data to Stay Ahead"

- PANEL MEMBER for webinar on Topic "CIO: Is It Possible for Business Leaders to PREDICT TRENDS to Ensure Business Success?" as a part of ARCHITECTURE WORLD 2014 Summit, organised by ICMG

- ...

Conducted Workshops related to E-LEARNING, Knowledge Management for:

- Faculties at GOA UNIVERSITY
- Bombay Chamber of Commerce
- ...

Workshops related to SOFTWARE ENGINEERING:

- "Introduction to Software Architecture" for C.Sc. faculties at SARDAR PATEL COLLEGE OF ENGG (SPCE), Mumbai.
- Estimation Techniques
- Requirement Analysis, Architecture & Design (OOAD, Database Design)
- Software Testing Tools & Techniques
- ...

Workshops related to BEST PRACTICES of Managing PROJECT / SERVICE / TRANSITION / PROGRAM / LEAN / INNOVATION

Several Companies

Innovator, Scientist, Researcher, Thought Leader, Change Agent, Self-Initiator

March 1991 - Present

Mumbai Area, India

Since the beginning of my career till date I have been doing several PROACTIVE INNOVATIONS, which have created significant VALUE for several companies, customers and end users. KEY DRIVERS for these innovations have always been PASSION to provide SOLUTIONS to minimize or eliminate PAIN AREAS that we see around us in our daily life and willingness to take CHALLENGES to resolve issues within OWN CIRCLE of INFLUENCE rather than waiting for someone to bring a change.

A few key examples of IDEA to EXECUTION of UNIQUE & FIRST TIME INNOVATIONS (SOLUTIONS) within the companies are as follows. In majority of these cases my contribution was end to end- DRIVING INNOVATION, Conceptualization, Design, Development, Implementation, Change management, Roll-outs, Training, Sustainability, sharing BEST PRACTICES within the organization..

CROSS INDUSTRY:

Framework & Tools:

- For KNOWLEDGE RETENTION & REUSE for EFFICIENT SERVICE DELIVERY.

- To Measure & Retain TEAM KNOWLEDGE to minimize impact due to ATTRITION & JOB ROTATIONS.
- PREDICTABLE delivery of LARGE, COMPLEX PROJECTS
- Optimize CAPACITY, DEMAND & SUPPLY mgmt, RESOURCE pyramids
- ENTERPRISE 2.0 PLATFORM for effective EMPLOYEE engagement

WHITEPAPERS:

- Future Trends & Business Opportunities in the area of MOBILE SOCIAL NETWORKING

...

MANUFACTURING:

- STATISTICAL PROCESS CONTROL (SPC) System for MASS PRODUCTION appliances company
- Automation of METROLOGY and QUALITY CONTROL department processes

...

IT & IT enabled SERVICES:

- COMPETENCY DEVELOPMENT frameworks and practices
- SOFTWARE ENGINEERING Policies, Processes, Tools for EFFICIENT & PREDICTABLE Service Delivery
- Framework for OUTPUT-based Service Delivery - SERVICE CATALOGUES, ESTIMATION Models
- AUTOMATION of BACK-OFFICE processes

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EDUCATION:

- Framework for MAXIMIZING LEARNER EFFICIENCY and Achieve High PERFORMANCE Goals
- e-LEARNING Instructional Delivery framework and Tool for offering SELF-GUIDED instructions online
- e-LEARNING Global KNOWLEDGE Portal

Atos

4 years

General Manager & Head of Technology Centre, Global SI India
Application Management (AM)

January 2013 - July 2013 (7 months)

Mumbai Area, India

* Accountable for Competency Building, Innovation, Industrialization, Capacity utilization, Resource pyramid optimization, Supply, Employee engagement, etc.

* Technology horizontal cost centre involved very diverse technology landscape (packaged as well as custom technology platforms) and comprised of 2400+ consultants.

* Working with Global teams to enhance the Application Management portfolio to move up the value chain and to build capabilities at offshore.

* Setup Application Management practice processes such as Staffing, Competency Development, etc.

Atos Global Scientific Community Member, Technology Thought Leader
2009 - 2013 (4 years)

Mumbai

The Atos Global Scientific Community are “creators of change”, anticipating and crafting Atos vision of upcoming technology disruptions and the future business challenges that Atos clients will face.

Atos Global Scientific Community comprised of about 80 highly PASSIONATE BUSINESS TECHNOLOGIST, who were selected by each country CEO from about 78000 global workforce. Members come from all geographies where Atos operates, representing a rich mix of skills and backgrounds. Its aim is to help Atos anticipate and craft its vision of upcoming technology disruptions and the future business challenges that will be faced by the markets it serves.

Achievements:

- CHIEF EDITOR and key AUTHOR of white paper "MOBILE SOCIAL NETWORKING", 2011. This white paper was peer reviewed and rated for publication, by over 40 Scientific Community members.
- Lead India track on CONTEXT AWARE COMPUTING and SMART MOBILITY.
- Designed & developed SMART SHOPPING MOBILE APP - FIRST one to develop ANDROID DEVELOPMENT COMPETENCY in India operations.
- PEER REVIEWED several white papers written by Scientific Community Members in the emerging areas such as: Internet of Things, Cloud, Social Network Analysis, etc

As the member of INDIA TECHNOLOGY CONNECT (a group of TECHNOLOGY THOUGHT LEADERS formed by INDIA CEO):

- Lead ENTERPRISE 2.0 technology track

- Conceptualised, designed and developed ENTERPRISE 2.0 PLATFORM for effective EMPLOYEE ENGAGEMENT.
- Extensive research in WEB 2.0 & ENTERPRISE 2.0.

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Atos

Solution Reviewer, Enterprise Architect, Solution Architect, Technical Architect, Technical Auditor

2005 - 2013 (8 years)

Mumbai

* As a Service Delivery Head REVIEWED many MULTI-MILLION Euros PROPOSAL SOLUTIONS from PROFITABILITY RISKS, TECHNICAL DESIGN, IMPLEMENTATION and DEPLOYMENT RISKS, RESOURCING RISKS, QUALITY RISKS, SERVICE DELIVERY RISKS, ESTIMATION, etc.

* As an ENTERPRISE ARCHITECT Designed PRACTICE-level (delivery centre) ARCHITECTURE, TOOLS, TECHNIQUES, DATA STORES and PROCESSES for the efficient execution of SERVICE PRACTICE.

* As a SOLUTION ARCHITECT, TECHNICAL ARCHITECT crafted many sound TECHNICAL SOLUTIONS including ARCHITECTURE & DESIGN, ESTIMATION, SCHEDULE, RISKS for many mid-size and large DEALS

* As TECHNICAL AUDITOR and SERVICE DELIVERY AUDITOR conducted TECHNICAL and SERVICE DELIVERY AUDITS:

-- for critical PROJECTS under execution - focusing on Requirements Engineering, Application Architecture and Design, Coding, Unit Testing, System Testing, Deployment, Production Monitoring, Estimation, Best Practices, Knowledge Management, etc.

-- for RED PROJECTS for BACK to GREEN ACTIONS (TURN-AROUND)

Atos

2 years 8 months

General Manager & Head of Technology Solutions, Global SI India AM
July 2011 - December 2012 (1 year 6 months)

Mumbai Area, India

* Accountable for Service Delivery of large Technology Solutions practice (profit centre), which comprised of about 600 consultants, 30+ contracts,

delivering services to Fortune 500 customers from geographies such as NL, UK, North America, Germany, France, India, etc.

- * Served customers from sectors such as Manufacturing, Retail, Transport, BFSI, IT Services, Public Sector, Media, etc.

- * Very diverse and large custom-technology landscape (over 30+ different technologies) such as Microsoft including Sharepoint, Oracle, Java, Lotus Notes, Mainframe, etc.

- * Services include - Consulting, Application Management, Software Development, Transition Management, Legacy Migration, etc.

- * Completed large LEAN IMPLEMENTATION PROGRAMME spanning number of projects and services. Implemented several Operational Excellence initiatives. Achieved all the key goals as planned. Consistently achieved LEAN practices sustainability.

- * Was member of Global Scientific Community member and TECHNOLOGY THOUGHT LEADER doing RESEARCH and capability building in emerging technologies such as Mobility (Mobile Social Networking, Context-aware Computing), Mobile Payments, etc. Published white-papers on Mobile Social Networking.

- * Conceptualized, designed, developed and rolled out unique KNOWLEDGE MANAGEMENT solution and BEST PRACTICES on several large accounts.

- * Distributed delivery, multi-locational, Onshore-Offshore, Virtual teams.

Production Line Head (Microsoft & Oracle), Solution Architect
May 2010 - June 2011 (1 year 2 months)

- * Setup and Lead large MICROSOFT and ORACLE Practice comprising about 400 consultants.

- * P&L responsibility, END to END delivery responsibility, SOLUTION ARCHITECTING for PRESALES

- * All Global Customers from geographies such as NL, UK, Germany, North America

- * Industries: MANUFACTURING, RETAIL, TELECOM, TRANSPORT, INSURANCE, PUBLIC SECTOR, ...

* Technology Landscape: ALL MICROSOFT and ORACLE CUSTOM TECHNOLOGIES

* GLOBAL DISTRIBUTED SERVICE DELIVERY SETUP

* Successfully Implemented STRATEGIC INITIATIVES with SUSTAINABILITY such as:

-- LEAN MANAGEMENT and sustainability,

-- RESOURCE PYRAMID OPTIMIZATION and sustainability

-- CMMi

-- GLOBAL DELIVERY PLATFORM: Designed GLOBAL Software Engineering Processes, Policies, Guidelines, Estimation Models / Service Catalogues, Productivity Benchmarking, etc.

-- Designed and developed several TOOLS for IMPLEMENTATION and SUSTAINABILITY of STRATEGIC INITIATIVES

-- ...

* Setup Microsoft and Oracle CENTRES OF EXCELLENCE / COMPETENCY CENTRES:

-- Established Microsoft and Oracle technology based SOLUTION ARCHITECTING group

-- Built Highly Skilled Designer and Architecture SHARED COMPETENCY POOL

-- CoE activities included: SOLUTION ARCHITECTING, ESTIMATION, KNOWLEDGE MANAGEMENT, PROJECT MANAGEMENT, Reference Architecture, Reusable Components and Architectural practices, Best Practices, POCs, Legacy Modernization, Continuous Integration, DASHBOARDS to track ENGINEERING activities, ...

Atos

8 years

Delivery Manager, Microsoft CoE Lead, Solution Architect
April 2009 - June 2011 (2 years 3 months)

Sr. Manager, Java CoE Lead

2003 - April 2009 (6 years)

C-DAC (Formerly NCST)

Scientist

1999 - 2003 (4 years)

SCIENTIST, E-LEARNING (on-line learning) Subject Matter Expert and Project Leader.

Four years of RESEARCH and INNOVATIVE Software PRODUCT DEVELOPMENT experience in the areas such as E-LEARNING / EDUCATIONAL TECHNOLOGIES / ARTIFICIAL INTELLIGENCE: Online Learning Management Systems, Online Instructional Design & Delivery, Adaptive Assessment (Testing), Course Administration Registration & Evaluation System, Data Analysis & Simulation Tools, Virtual classrooms, Curriculum design, etc.

- * Played a key role to setup a National Resource Centre for Online Learning (CENTRE OF EXCELLENCE) sponsored by Ministry of Information Technology, Government of India.

- * Absorbed & mastered leading edge technologies for on-line learning from its applicability point of view.

- * Organised "VIDYAKASH-2002", FIRST INTERNATIONAL CONFERENCE on ONLINE LEARNING in INDIA. One of the EDITORS of conference proceedings. International panel of 30 referees, 14 papers selected from 80 submissions.

- * Published several articles, technical papers, quarterly magazine on e-Learning. Developed rich National Knowledge Base (portal) for information related to distance and e-Learning.

- * Conducted workshops (TRAIN THE TRAINER) related to e-Learning overview & best practices such as Instructional Design, Instructional Delivery, Learning Management Systems, Web Technologies, etc.

- * Prepared analysis and evaluation report comparing about 10 popular Learning Management Systems. Shared this experience including applicability, issues, lessons learnt, etc. with academia and industry by conducting workshops.

- * Collaborated with some of the reputed institutions (such as MUMBAI IIT, GOA UNIVERSITY, SNDT) and companies (such as Aptech, Educomp).

* DESIGNED COURSE CURRICULUM for some of the subjects related to Software Technologies for MASTERS and POST GRADUATE level programs for SNTD, NCST, etc.

Aptech

Member of Aptech Technology & Academics Advisory Group (TAG)
2002 - 2002 (less than a year)

Mumbai

Advisory on directions to be taken by IT Training Institutes to meet the industry requirements.

Preparing for adaption of technology innovations such as eLearning.

Datamatics

Project Manager

May 1999 - September 1999 (5 months)

Godrej

Manager

March 1991 - May 1999 (8 years 3 months)

Mumbai Area, India

* Production, Planning and Control for MASS PRODUCTION of Compressors for Refrigerators. Worked in Assembly and High Precision Machine Shop departments. VERY HIGH PRODUCTION RATE.

* Conceptualized, designed and developed STATISTICAL PROCESS CONTROL Software System to MEASURE and PREDICT SIX-SIGMA PROCESS CAPABILITY of high precision, MASS PRODUCTION grinding, milling, honing machines as well as huge transfer lines (SPMs) . This SPC Tool SPC enables machining process performance PREDICTION, EARLY DETECTION (ALARMS) of out of control events, thereby PREVENTING problem.

* AUTOMATED DATA ACQUISITION and DATA ANALYTICS system to capture real time measurement data from several high precision electronic-air gauges (accuracy and precision < 1 micron to ensure strict quality assurance- in terms of geometrical measurements and surface finish- of key compressor parts such as Piston, Cylinder, Crank-shaft, Connecting Rod, etc.) and perform SIX SIGMA analysis.

- * Modelling RANDOM behaviour of high precision machining processes using PROBABILITY and STATISTICS based on MEASUREMENTS. Making PREDICTIONS about EXPECTED VARIATIONS and CONTROLLING VARIATION using STATISTICAL MODELS.

- * DESIGNED, DEVELOPED, AUTOMATED some of the MANUFACTURING PROCESSES to build QUALITY ASSURANCE into mass production processes, to provide early and accurate feedback and to remove delays.

- * SIX-SIGMA Green Belt. Continuous Improvement through KAIZEN.

- * ISO 9001, ISO 14001 implementation. ISO 9001 Internal Auditor.

- * Application of Seven Major QC Tools (Magnificent Seven) such as CONTROL CHARTS, Pareto, Fish-bone (cause-and-effect), Histogram, etc.

Siemens

Trainee Engineer (Mechanical)

July 1990 - March 1991 (9 months)

Mumbai Area, India

Worked in the Process Planning Department of SIEMENS ELECTRICAL SWITCHGEARS division.

- * PROCESS PLANNING and AUTOMATION of NEW ASSEMBLY LINE for manufacturing of NEW PRODUCT- Miniature Circuit Breaker (MCB).

- * Ergonomic workplace design.

Siemens

Trainee (Mechanical Engineering)

December 1989 - May 1990 (6 months)

Worked in the PROCESS PLANNING department of SIEMENS ELECTRICAL MOTORS division.

8th semester industry training (Part of 4-year VJTI Mechanical Engineering course requirement)

Godrej & Boyce Mfg. Co. Ltd.

Trainee (Mechanical Engineering)

June 1988 - November 1988 (6 months)

Studied MECHANICAL ENGINEERING and PRODUCTION processes of 11 large GODREJ PLANTS:

1) Machine Tools, 2) High Precision Tool Room, 3) Refrigerator (three plants), 4) Locks, 5) Foundry, 6) Cupboards, 7) Typewriters, 8) Sheet metal cutting and 9) Furniture

Created high-quality, detailed project reports on each plant processes, which was recognized by the Godrej Training Department as the BENCHMARK DELIVERABLE for other trainees.

5th semester industry training (Part of 4-year VJTI Mechanical Engineering course requirement)

Education

Massachusetts Institute of Technology (MITx on edX)

MITx Micro-Masters Program in Supply Chain Management, Logistics, Materials, and Supply Chain Management · (2019 - 2020)

Ulyanovsk State University

International Executive Master of Business Administration (MBA), General Management - Strategic Management, International Economics, International Business & Culture · (2013 - 2013)

NCST - National Centre for Technology (merged with CDAC)

APGDST - Advanced Post Graduate Diploma in Software Technology, :OOAD, COM, Software Engineering, Network programming, Multimedia Technologies, · (2001 - 2001)

NCST - National Centre for Technology (merged with CDAC)

PGDST - Post Graduate Diploma in Software Technology, :Data structures, RDBMS, Networks, OO Programming · (1999 - 1999)

Sardar Patel College of Engineering Andheri (West) Mumbai 400 058

Bachelor of Engineering, Mechanical · (1991 - 1995)