

Contact

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Top Skills

Solution Architecture
Global Delivery
IT Strategy

Honors-Awards

Winner of Next Big Idea Business
Plan Competition 2013
Author of Product IP
Author of 4 Patents
Winner of Forbes Applied Innovation
Award (2007, 2008)

Patents

Electronic enabler and prescriptive
modular service oriented architecture
Platform for enabling creation and
use of an API for a specific solution
e-Profiler: dynamic profiling and
auditing framework
System and method for enabling
software applications as a service in
a non-intrusive manner
e-ENABLER FRAMEWORK

Ritwik B.

Chief Technology and Innovation Officer
Bengaluru

Summary

Entrepreneurial-spirited, dynamic professional with 20 years of insightful experience in identifying, qualifying and implementing enabling technologies to transform enterprise systems into digital solutions. Believe, behavior of software solutions is a beautiful weave of events and states – manifested in micro services, consumable APIs and managed by a perfect No-Ops. Currently Chief of Technology and Engineering Head – Next Gen Business Products with Wipro Ltd.

Handled oversight of IT and Engineering Group, delivered technical direction and developed strategy for T&E Management initiative. Effectively designed the corporate 'Travel and Expense' productized solution to execute the process of travel-related reimbursement and reporting with ease and scalability – uberization of enterprise back-end with customer experience.

Founder/CTO of two start-ups, reached a business threshold and made successful exits to scale. Headed engineering/technology to transform large business process into simplified digital products, non-intrusively with patented product IPs.

Architected roll-outs for some of the world's premier digital customers. Developed patented IPs (Intellectual Properties) in Cloud, Micro Service Architecture, Performance Management, Event Architecture and Social Information Management. Holder of six software copyrights for products in use today. Author of nationally and internationally published technical articles.

Specialties: Start-up Operations, Software Systems Architecture, Solution Architecture, Product Development, Global Delivery, Business Transformation, Product Roll-out, Digital Solutions, IT Strategy, Market & Product Strategy, Merger & Acquisition, Pre-sales, Enterprise Technical Sales, Open Source Software, Software

as a Service (SaaS), Platform Strategy & Ecosystems, Team Leadership

Experience

Mastek

Chief Technology and Innovation Officer

January 2022 - Present (2 months)

Bengaluru, Karnataka, India

To directly contribute to the strategic business plan for the Horizon 3 charter as part of Organization Vision 2025 while enabling relevant new and disruptive technologies, creating monetization around Data/AI intersections with industries, crafting long-term technology innovation roadmap and building partnerships with start-ups & external innovation ecosystems.

L&T Technology Services Limited

GDH-Platform and Solutions

August 2020 - January 2022 (1 year 6 months)

Bengaluru, KA, India

When assumption meets implementation.

Solutions that connect Digital Platforms to Product Engineering. Managed a team of 118 engineers, transformed solutions into productised digital offering on-cloud, in Smart Building and Asset Reliability space for Industry 4.0, laid strategies to monetise these solutions.

Wipro

Chief of Technology and Engineering Head – Next Gen Business Products

June 2014 - August 2020 (6 years 3 months)

Associated with a leading global information technology, consulting and business process services company for the last 2 years.

Though Corporate Travel & Expense (T&E) Management Solution has a market of \$56.1 Bn worldwide, expanding at CAGR of 7%, this process is time intensive and spans across over 30 Enterprise Departments, with a non-intuitive engagement style that is not adaptable to enterprise and user needs. Within first month of assignment, assumed oversight of IT and Engineering Group, delivered technical direction and developed strategy for the initiative.

Led the development of the T&E Management Solution as a Service productized solution; utilized various technologies to abstract cloud, execution runtimes, accessibility through digital channels, integration to external partners and Enterprise Information systems using Open APIs.

Identified and built consensus for detailing process candidates in each business group to productize as consumable 'functional' micro services into the T&E Management Solution for the B2B segment.

Drove OPEX save of over 60% in Travel and Management business; improved user experience of straight-through processing of requests with the product's release to its employees.

Filed Patent with the CEO and Sr. VP on the concept of business process execution and management of micro services using event and state machines. Authored a software platform on this concept.

Recommendation:

"Ritwik is probably one of the best technology cum business leader that Wipro has. This is his second term in Wipro. His contribution technologically, business wise and as thought leader are immense.

In Wipro he is currently building the new Digital back-office platform with T&E as the independent business service that is going live for Wipro and other clients in November 2015. The business plan for just T&E services is ~\$35 M on 3 yrs." - Dr. Anurag Srivastava, CTO and SVP, Wipro Technologies

Hopscotch Technologies

Co-Founder and Chief Technology Officer

December 2013 - June 2014 (7 months)

Bangalore, Karnataka, India

Delivered entrepreneurial capability and set up a computer company, engaged in software publishing, consultancy and supply.

Transformed the legacy processes & technologies into API (Application Program Interface) to make them easily consumable through various access channels.

Paradigm of No-OPS: Created an enterprise store (on Cloud) of executable OSGI bundles, insourced by developers, on demand due to lack of code reusability for business solutions. Subsequently created a repository of REST APIs through automated instrumentation of Legacy byte-code.

Developed and maintained relationship with global customers, DirecTV (vendor marketplace transformation), Robert Bosch (sensor based iCollaborate solution), Fidelity (enterprise eLearning solution), IBM (partner-integration test platform for MaaS360).

Authored product IP to catalog consumable Enterprise APIs through digital channels (patent pending). Prepared & presented comprehensive technical solutions. Gained confidence of prospective clients' Legacy modernization journey and facilitated effective business development.

Provided recommendation to the Board for increased market reach, reached a business threshold of licensed customers; assessed and directed strategic merger & acquisition with a MNC IT Service Provider and ensured successful exit in 2014.

Ttatra Innovation Labs

CoFounder and Chief Technology Officer

January 2013 - December 2013 (1 year)

One of the four industry experts, set up a technology start-up and created consumable solutions, verification & validation platform and eCommerce solutions. Ttatra Innovation Labs Pvt. Ltd. was incubated by NSRCEL (N S Raghavan Centre for Entrepreneurial Learning) in association with Indian Institute of Management, Bangalore.

Associated for over one year, provided guidance to team members in the development of Check Car, which provides buyers with a complete vehicle history check & vehicle information report and enables in effective decision making on used vehicles

Approximately 79% of market for the sale of used vehicles is governed by unorganized sellers. To assist an intelligent buy, created a cloud based processing system for information from sources (Vehicle insurance, Criminal Records, RC records and Servicing records) with subsequent generation of comprehensive reports.

Collaborated with Government Departments and Service Centers to understand and design relevant data cleansing, extraction and integration. Led design and engineering by using leading client & server side scripting technologies, big data processing with analytical insights and cloud scale and successfully delivered an innovative, dynamically interactive product. Established highly motivated team, retained valuable technical talent in the intensely competitive startup market.

Recommendation:

“Imagination is what defines Ritwik. Often enough you would find him abstract and difficult to comprehend. But dig a little deeper and you will find someone who is a creative genius with intensity and commitment” - Santosh Nallapeta, Co-Founder & Director.

Wipro Technologies

Chief Technologist, General Manager Next Gen Services

March 2004 - January 2013 (8 years 11 months)

Bangalore, Karnataka, India

Worked for almost 9 years with a leading global information technology, consulting and business process services company. Joined as a Technologist and architected solutions for business technology areas covering Digital Transformation Services & Customer Experience Management. Progressed through promotions, assumed additional responsibilities involving technology innovation, intellectual property creation, business development, operations and project management.

Instrumental in expanding anchor account and directing technical teams in delivering numerous projects in Digital Commerce and User Experience. Designed and implemented corporate IT infrastructure including networking, custom-developed web-portal and mobile apps for clients, database systems, and data center; facilitated rapid growth for some of the world's leading customers in retail, healthcare and manufacturing industries.

Handled Centre of Excellence (Next-Gen CoE), developed new frameworks and new point solutions in multiple new technologies and different domains. Transformed the Next Gen-Services group into a profit center with IP led service-revenue of more than 75M USD and an OM of over 56%. Key IPs being in the space of micro SOA, Social Reputation Management using NLP, a PaaS with AOP based behaviour injection.

Authored 4 patents. Recognized as a mentor and guided team with hands-on programming experience on multiple technologies including online/offline javascript libraries for hybrid mobile apps, node.js for high performance servers, algorithms to use map-reduce, open APIs to orchestrate deployment over cloud, algorithms for network routing and agent management.

Infosys

Sr. Technical Architect

December 2001 - February 2004 (2 years 3 months)

Open Group certified Enterprise Solution Architect – Master Architect Level
(22nd across Globe).

Zachhman certified Enterprise Architect.

Certified on Enterprise Solution Design and Architecture from premier institutes
(SUN-for all of its streams and IBM) and product-vendors (BEA, IBM)

SPAN Systems

Technical Architect

December 2000 - November 2001 (1 year)

Bangalore, Karnataka, India

NIIT Technologies

Technical Designer

September 1998 - November 2000 (2 years 3 months)

RS Software

Sr. Software Engineer, Technical Lead

August 1997 - September 1998 (1 year 2 months)

Kolkata West Bengal, India

JK Tyre & Industries Ltd.

Tyre production Automation Centre Systems Analyst on CNC Machines

June 1996 - July 1997 (1 year 2 months)

Kankroli, Rajasthan | Banmore, Madhya Pradesh, India

Education

NIT Kurukshetra

Bachelor of Technology (B.Tech, Mechanical Engineering · (1992 - 1996)

St. James School