Nagesh Ravuri

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Cloud Solution Architect, Automation Consultant

Architecture, Technology Consulting, Project Management, Service Delivery expert

Professional Summary

- 20+yrs of continuous experience in Product, IT services, SI, and product outsourcing enterprises
- Expert in Auth 3.0, CRE
- Expert in developing, implementing digital strategies for enterprises addressing Cloud, Mobile, Automation
- Architected, designed cloud-native applications as microservices, serverless on Azure, AWS (MS and open-source stack)
- Assessed, designed workloads, and migrated enterprise applications to Azure, AWS, Private, Hybrid cloud infrastructure
- Expert in complemented delivery through Agile, CI/CD, and DevSecOps
- Lead technology capability integration in Cognizant in M&A scenario
- Won Thomson Legal, Disney, Reuters Lipper logos for Cognizant
- Holds US Business Visa, valid until 2027

Responsibilities discharged

Chief Enterprise Solutions Architect (Hands-on): Cloud, Automation Solutions

- Lead, architect, design, and developed Systems engineering solutions to perform at scale
- Worked with stakeholders to research new technologies, frameworks, tools, and developed proof of concepts
- Ensured applications and systems are actively tested for resiliency under different scenarios and monitored them for HA
- Integrated complex platforms including several components with business domain and process context
- Defined opportunities across IT to maximize business impact and innovative engineering processes to reduce Systems construction and maintenance costs
- Experienced in cloud migration projects for clients meeting their objectives: agility, scale, speed, security, DR, and cost management & optimization. Delivered efforts required for modernizing and migration of applications / infrastructure onto public, private, hybrid cloud environments including but not limited to rehost, refactor, redesign
- Designed environment architecture for AWS and Azure workloads
- Experienced in multi-tenant SaaS application design on Azure, AWS

Enterprise Architect

- Lead, architect, and developed Business, Technology architectures, roadmap, and guidance
- Assessed IT capabilities and Designed Digital/IT strategy, APR through transition, target architectures
- Evaluated platforms, products, development methodologies, governance structures and delivered target state definition
- Established, lead, and mentor Azure, IT Ops Automation, .NET architecture, SharePoint CoEs
- Experience in assessing client's application engineering practices, and setting up Agile (scrum/kanban), DevOps practices using Azure DevOps, CI/CD pipelines using Git/Azure DevOps Repository, Jenkins, Azure Testplans, Selenium, Ansible

Technical Delivery Manager

- Demonstrated experience on global product releases through multiple NPI cycles
- Responsible for architecture, design, delivery of largest .NET stack development project
- Resolved escalated issues related to platform, coding, and testing deliverables
- Coordinated implementation activities across a broad range of functions and departments
- Conducted reviews with stakeholders both from onshore and offshore and get signoff
- Lead/participate organizational initiatives including working with stakeholder groups to identify, arrange, training needs
- Ensured and delivered projects with no-schedule and cost variances
- Understands diversity and culture from working experience in USA, Sultanate of Oman, and Austria.
- Managed global delivery teams' combinations of – Japan, Hong Cong, China, Singapore, India, UAE, Austria, Switzerland, England, USA, Canada, Brazil, and Argentina based workforce

Technical Skills

Area	Primary	Secondary
Cloud, Delivery Models	Azure, AWS, IaaS, PaaS	PCF, SaaS
Development	C++, C#, .NET Std/Core, VBA, VS, TFS, XML, Node, Angular, TS	HTML, Java, Open Source stack, Python, PowerShell, SVN, Eclipse, YAML
Agile, CI/CD, DevSecOps	Scrum, Kanban, Azure DevOps	Jira, Jenkins, Checkmarx
Integration, Middleware, DB	API Mgt, SQL Server, MySQL, SQLite, MongoDB, Redis	Service Fabric, Kafka, BizTalk, Oracle, SSIS, Apache Ignite
Container, Orchestration, Service Mesh	Docker, Kubernetes	Istio, Linkerd
Monitoring, ITSM, Automation technologies	SNOW, Remedy, UiPath, AA, Ayehu eyeShare, MS LUIS, Ansible, FreshService	Grafana, Dynatrace, AppDynamics, Splunk, Logic Apps
EA methodologies and tools	TOGAF 8.1, Sparx EA	Planview, Alfabet
Operating Systems	Windows	Linux/Unix

Employment History

Organization, Work location	Start – End	Duration (24yrs)	Designation
Berkadia, Hyderabad	Oct 2020 - Till date	8 months	Architect
Amdocs, Pune	May 2020 – Sep 2020	5 months	Consulting principal lead
Cognizant Technology Solutions, Hyd'bad	July 2005 – Sep 2019	14yrs 3 months	Chief Architect – Technology
Persistent Systems, Pune	Aug 2004 – Jun 2005	11 months	Associate Technical Manager
TCG Software Services, Hyd'bad	Sep 2000 – Jul 2004	3yrs 10 months	Sr. Consultant
ITON infoway Pvt Ltd, Hyd'bad	Feb 1999 – Aug 2000	1yr 7 months	Systems Analyst
Bartronics India Ltd, Hyd'bad	Aug 1996 – Feb 1999	2yrs 6 months	Sr. Software Engineer

Noteworthy Achievements

Architect in Berkadia India Services from Oct 2020 to till date (6 months)

- Architect – Responsible for product architecture and common enterprise solutions, cloud-native application architecture, microservices, serverless workloads. Architected and rolled out Access right an Auth 3.0 (Keycloak, Angular, Node) for the enterprise
- Leading a PLT (Product Leadership Team) workflow (BPM+RPA+ITPA) solution selection and implementation for enterprise
- AWS, Azure, Node, Angular, TS, classic and core .NET, K8, ADO CI/CD

Cloud Consultant in Amdocs Development Center India from May 2020 until Sep 2020 (5 months)

- Cloud Architect for presales – Responsible for business development of CSPs cloud migration assessments, application migration strategy, cloud-native application architecture, microservices, serverless workloads.

Chief Architect in Cognizant Technology Solutions from Jul 2005 until Sep 2019 (14yrs 3 months)

- Cloud Architect – responsible for cloud migration assessments, application migration strategy, cloud-native application architecture, microservices, serverless workloads
- Delivered, implemented successful digital strategies (Cloud-migration, cloud-native, automation, SaaS)
- Customized industry adopted 6-R methodology to identify cloud-fit applications as IT capability clusters in a heat-map, and developed roadmaps for Healthcare, Retail, Insurance, Media, Telecom, Information clientele
- Designed cloud workloads for rehost, architected applications for refactor, recommended cloud-based tools for replatform
- Designed and implemented monitoring (Infra, Application performance, User/device, Log) strategies spanning on-prem and cloud
- Designed analytical solutions – event correlation, service desk ticket analysis
- RPA Architect - developed solution architecture with UiPath, AA for below business scenarios (representative list)
  - Insurance (Life & Annuity) clients - Quote & Illustration creation, Agency setup (licensing, appointment), compensation, ad-hoc payments, commission, adjustments, policy issue & benefit illustration, suspense management, account reconciliation, claim initiation, AML checks, claim adjudication

- o Healthcare - Invoice reconciliation, Work allocation, Yearly reports, Vendor POs, Network, demography update, claim initiation, adjustments
  - o Retail – Order reconciliation, product categorization, user mgt, reporting, web scraping, address mgt, receipt mgt
  - o Banking – Batch reschedule/rerun, security certificate mgt, email mgt, account mgt, statutory reports, user interaction, password reset
  - o Telecom, Utilities – store creation, ticket queue monitoring, onboarding, compliance, legal reporting
- IT PA Automation Architect - developed solution architecture with eyeShare, Trusight, SNOW Orchestrator, PowerShell for below IT scenarios (Representative list)
  - o Password reset, IVRS/Chat to Ticket creation, False positives, Device status, Application access, AD account creation, Ticket auto classification/allocation/routing, Job scheduling, Query run, Health-check, FTP integration, Reporting, Email services, Backup/Restore, Disk space/Cache mgt, store creation
- Cognitive Automation Architect – developed solution architecture with LUIS, MS Bot frameworks, Splunk
  - o Application Log analysis and alert for performance, non-responsive behaviors, ChatBot for a retail client, Social sentiment analysis for retail client about product quality/recommendations
- PacifiCorp, Wellmark, Ameriprise, PepsiCo, Credit Suisse, Anthem, EmblemHealth, and AT&T (representative list)
  - o Delivered 20 – 34% savings through IT PA solutions, 25 – 45% savings through RPA solutions
  - o Expert in Business processes, Incident, Event, Help desk, L1.5, L2, Security operations, and IAM automation
- Enterprise Architect – IT strategy, API Monetization, APR, Business architecture delivered clients (CUNA Mutual Group, Centrica, Promontory, Emerging Markets Communications, Humana, Liberty Mutual, World Bank, Kaplan, Wiley, Philips SA)
- Delivered large scale monolithic business critical applications into microservices and helped moved them to cloud to improve operational efficiency by 28%
- Lead P&L combined value of USD 12mn from 3 accounts

Associate Technical Manager in Persistent Systems from Aug 2004 until Jun 2005 (11 months)

- Technical Delivery Manager for a banking customer (Shinsei bank, Japan) which was very demanding. Helped their growth with rapid development and delivery of business-critical applications for their retail banking.
- Architected, contributed, and delivered VC++, .NET multi-process, multi-threaded system on multi-core infra for their automation of customer documents, image-based processing (scanned images with OCR/OMR technologies)
- Experienced in architecting .NET applications migration, cross-browser compatibility, & multi-lingual systems

Senior Consultant in TCG Software Systems from Sep 2000 until Jul 2004 (Total 5yrs 5 months)

Senior Software Engineer in ITON Infoway from Feb 1999 until Aug 2000 – acquired by TCG Software

- Responsible for offshore development center setup including SME training, COE, delivery methodologies, team building
- Consultant Developer of Data Model implementation for marquee financial power houses (State Street, BOFA etc) in NYC
- VC++, MS .NET, VB.NET, SQL Server, Oracle
- Part of the product development team (Retail sales and Corporate order management system), later it was customized and implemented for a US retain chain (Byrite corporation)

Senior Software Engineer in Bartronics India Ltd. From Aug 1996 until Jan 1999 (2yrs 6 months)

- Developed Production Tracking System (C++, PowerBuilder, Barcode scanners/printers) for Whirlpool, Pondy factory, which was adjudged **third-best** technical implementation among Whirlpool factories world over
- Expertise in C++, PowerBuilder, Integration of various Barcode scanners/printers and Attendance systems

Education

- ✓ MCA with 66% from PB Siddhartha PG College, Vijayawada, AP, India in 1996, Nagarjuna University
- ✓ B.Sc (MPC) with 61% from VV & M Degree College, Ongole, AP, India in 1992, Nagarjuna University

Certifications