



Vignesh Murali Natarajan

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An accomplished IT Leader specializing in a multi-faceted approach to technical progression and drive for excellence. A seasoned veteran with proven track records as a – **Cloud Architect, Legacy Modernization Specialist, Engineering Director, R2 Expert, Delivery Lead, Developer, Technical Trainer, Perpetual learner** - seeking new challenges and opportunities beyond familiar horizons

Experience Summary

Cloud Architect / Enterprise Architect

- Highly accomplished Cloud Architect with extensive experience in conducting Cloud Readiness Assessments, creating cloud service maps, and overseeing security considerations as part of wider Cloud Adoption Framework.
- Proficient knowledge of cloud computing technologies and current computing trends. Accomplished in managing large teams right from requirements through design, implementation & deployment. Excellent analytical, organizational, planning skills with demonstrated abilities in training & mentoring teams towards achieving organizational goals
- A charismatic architect, certified by multiple organizations in various disciplines – Cloud, Enterprise architecture, DevOps, with first-hand experience in assessing, planning, strategizing and executing large scale cloud migrations clubbed with legacy modernization.
- Had been the architect, reviewer and guide for a myriad of successful large scale Cloud Migrations, each with varied levels of cloud adoption
- As an enterprise architect, guided several organizations in legacy modernization from 20+ years' old tech stacks to modern age hybrid stacks

Engineering Director / Delivery Lead

- A seasoned Engineering leader with over 19 years of techno-commercial experience in delivery management and producing top notch results encompassing
 - Expertise in Delivery Management and Program Management, handling huge teams of ~1000 members and multiple accounts
 - Manufacturing, Logistics, Energy and Utils domain experience
 - Driving Operational efficiency and margin improvement initiatives leading to exceptional customer profitability improvements
 - Highest levels of customer satisfaction ratings on all accounts
 - Techno-functional Business Development
 - Business Plans and Strategic Account Planning
 - Team Building & Thought Leadership
- Cognizant Certified Program Manager with special citations for focus on Business Outcomes and a customer first mindset
- Expert in developing and driving innovative solutions for generating incremental and new revenues
- Drove operational efficiency and cost optimization through strategy and reengineering based change projects.
- Responsible for P&L, growth & profitability of the practice, gross margin, onsite-offshore ratios, revenue growth, revenue recognition and leakage control, billing milestones and utilization in line with organizational goals
- Successful in retaining and growing existing customer accounts by account mining and strategic consulting resulting in higher resource utilization and getting repeat and new business for other groups within the organization
- Exposure to end-to-end delivery management areas including proposal preparation, proposal discussions, requirements identification, estimation, risk management and closeout

- Cost Estimating & Resource Planning, Profit and Loss Responsibility at account level
- Practical experience of existing software engineering methodologies and processes including Scaled Agile and XP
- Recruitment and Setting up large cross-functional teams from scratch in record times

Trainer / Mentor

- An established tech-guru with thousands of hours of training and mentoring tens of thousands of associates world-wide.
- Much awarded trainer for enabling associates across a spectrum of technologies that include (but not limited to) AWS Cloud, Java Microservices, Angular, Spring suite of technologies, JPA, Hibernate, jQuery
- Cognizant Certified Technical Trainer for delivering technical trainings and content with the resolve to lock on participants' attention
- Delivered over tens of thousands of hours of training for fresh recruits to experienced workforce across the globe
- Authored several technical courseware for Cognizant Academy around Angular, Microservices, AWS for beginners
- Delivered guest tech lectures on emerging cloud trends to colleges like Shastha University

Developer

- Hands on experience in application development and maintenance activities including requirement analysis, architecture, design, and implementation and testing with emphasis on Object Oriented principles from the scratch
- Extensive experience in developing Enterprise applications and Microservices using Java/JEE and various Spring technologies including Spring Boot, Spring Cloud Stack, Spring Rest, Spring MVC, Spring Data, RMI, EJB, JSP Custom Tags Libraries, JavaBeans, JDBC, JNI involving optimized usage of Networking, Threads, IO concepts.
- Experience in developing Cloud agnostic microservices embracing the 12 factor principles and microservices design patterns, that benefit the customer from falling for a vendor lock-in
- Expert in Angular, JavaScript and AJAX frameworks including jQuery, Prototype
- Expertise in applying Kafka, JMS (Java Messaging Service) for reliable information exchange across Java applications
- Experience in creating and consuming Restful and SOA Web Services
- Experience in database programming with SQL and PL/SQL using Oracle 9i/10g, SQL Server 2000/2005/2008, MySQL and proficiency in developing SQL in JDBC as well as client server environments
- Performed unit testing using JUnit, Protractor, Jasmine, Selenium and EJB Testing (custom built Innovative EJB Testing framework)
- Resolved Emphasis on Resiliency and Recovery (R2), performance tuning, code optimization activities with a "do-it-right-the-first-time" mentality
- Flexible and easy adaptation to all kinds of work environment with good team/independent management for best quality end results

Expertise Summary

Cloud	AWS – EC2, ECS, Fargate, EBS, Lambda, Elastic Beanstalk, CloudFront, API Gateway, ELB, ElasticSearch, ElasticCache, SNS, SQS, Cloudformation etc
Web Services	Microservices with Spring Boot, Spring REST, JAX-RPC, JAX-WS, Axis, Tools: SOAPUI, Postman
Containerization	Docker
Spring Frameworks	Spring Boot, Spring Cloud, Spring Data, Spring Core, Spring MVC, Spring REST, Spring Web Flow, Spring Web Services, Spring Hibernate, Spring JDBC
Java EE Technologies	Servlets, EJB 2, EJB 3, JPA with Hibernate, JDBC, JMS, JMS Clustering, Clustered Caching
Java Platforms	Java SE, Java EE, Java Web Start, Java ME
Java Frameworks & Tools	Redis Cache, Kafka, Struts 1,2, Hibernate 2,3, DisplayTag, JPA, Tiles, Quartz Scheduler, Clustered Scheduling, EHCACHE, Log4J, SLF4J, Commons Logging, XSLT, Apache POI, Apache FOP
Programming Languages	Java, Typescript, C, C++
Mobile Technologies	Android, CLDC, MIDP(Java ME), jQuery Mobile
Web Technologies	HTML, CSS, AJAX, Javascript, Actionscript
Front End Technologies	Angular, jQuery, Prototype
Build Tools	Apache Ant, Apache Maven, Jenkins
Databases	DynamoDB, SQL Server, Oracle, MySQL, PostgreSQL, HSQLDB, Teradata, Sybase
Database Skills	PL / SQL, SQL, SSIS
Unit Testing	Jasmine, Protractor, JUnit, Selenium, EJBUit(Self Built)
Content Management Systems	DotNetNuke, Joomla
Methodologies	Scaled Agile(SAFE), Scrum, Legacy Software Development Methodologies,
IDEs	Eclipse, RAD, Visual Studio Code
Graphics Tools	Adobe Flash, Adobe After Effects, Paint Dot Net, Maya, Cinema4D, DotNetNuke Skinning
Version Control	GitHub, VSS, SVN, CVS
OS	Windows, Linux : Ubuntu, Linux Mint, Fedora, CentOS

Extras

- ❖ Authored 2 **White Papers** on challenging tasks implemented by my team for 3M
 - ❖ [REACH Readiness: Smart Solutions to Challenging Problems](#)
 - ❖ [How to Develop Online Recommendation Systems to Deliver Superior Business Performance](#)
- ❖ As a **Web Designer**, created the look and feel for the [Hindu Mandir of Minnesota website](#). Non profit, charity work
- ❖ As **Web Master**, have maintained internal websites running on Joomla and PHP for more than 3 years. Created monthly Newsletters sent out to the entire account of 500 associates
- ❖ As a creative **Graphics Design and Animation artiste**, developed numerous animations, intro videos, graphic fliers employing tools like Adobe Flash, Adobe After Effects, 3D Studio Max for companies like Cognizant, TCS, and Twiceware technologies.
- ❖ As a **mentor**, have lobbied support for best practice and interest groups in Cognizant. This includes teams like the Leading Practices Council, Java Technology Consortium, Development Core Team etc. Activities included – New Technology assessment, Architecture Review, Code Review and so on
- ❖ For the innovative activities rendered to the 3M account, was proclaimed as an **Innovation Champion** for the entire Cognizant 3M account(with a combined onsite offshore strength of 600 associates)
- ❖ As a **freelancer**, developed free quiz applications in Java/J2EE for the state level technical symposium “Avalanche 2003” organized by M.N.M.Jain Engg. College.

Certifications

- ❖ **AWS Certified Security Specialty – Professional. Score 87%**
- ❖ Professional Scrum Master 2, from Scrum.org Score - 87%
- ❖ **AWS Certified Solutions Architect – Professional. Score 83%**
- ❖ **AWS Certified Migration Ambassador**
- ❖ **AWS Certified Solutions Architect – Associate. Score 87%**
- ❖ IBM Docker Foundations
- ❖ SAE DevOps Professional. Score 94%
- ❖ SAE Agilist v4. Score 96%
- ❖ **ORACLE Certified Master, Java EE 6 Enterprise Architect. Score - 88%**
- ❖ ORACLE Certified Expert, Java EE 6 Web Services Developer – 92%
- ❖ Microsoft Specialist, Programming in HTML5 with Javascript and CSS3. Score – 86%

- ❖ Professional Scrum Master 1, from Scrum.org Score - 96%
- ❖ ORACLE Certified Professional, Java ME 1 Mobile Application Developer. *Score - 97%*
- ❖ ORACLE Certified Master, Java EE 5 Enterprise Architect. *Score - 95% in Level 1, other levels don't carry scores*
- ❖ SUN Certified Business Component Developer for Java EE 5 Platform. *Score – 100%*
- ❖ SUN Certified Developer for Java Web Services, J2EE 1.4 Platform *Score – 97%*
- ❖ SUN Certified Business Component Developer for J2EE 1.3 Platform. *Score – 97%*
- ❖ SUN Certified Web Component Developer for J2EE 1.4 Platform. *Score – 92%*
- ❖ SUN Certified Java Programmer for J2SE 1.4. *Score – 95%*
- ❖ ICFAI University certified Software Testing and Quality Assurance Professional. *Grade –A*
- ❖ Cognizant Certified Program Manager
- ❖ Cognizant Certified Technical Trainer
- ❖ Cognizant Certified GenC Jury

Awards & Honors

- ❖ Cognizant – Best Engagement Delivery Lead 2023
- ❖ Cognizant Trainer par Excellence 2022
- ❖ Cognizant LifeSavers - 2020
- ❖ Cognizant Knowledge Stalwart – December 2019, March 2020, June 2020
- ❖ Cognizant Innovation Champion 2012
- ❖ Star Performer August 2012
- ❖ Delivery Excellence Q2, 2011
- ❖ Cognizant Trainer Par Excellence Q1 2011, 2018, 2019
- ❖ Cognizant Idea Champion 2010
- ❖ Above & Beyond Q4 2010
- ❖ Star Performer Q4 2010
- ❖ Cognizant Top Trainer Quarter 2, 2010
- ❖ Cognizant Top Trainer Quarter 1, 2010
- ❖ Customer Delight Q4 2009
- ❖ Cognizant Trainer of the Year 2007
- ❖ Cognizant Star Performer 2007
- ❖ Cognizant Rainmaker 2006

Educational Qualifications

2000-2004 Bachelors Degree in Computer Science and Engineering,
M.N.M.Jain Engineering. College,
University of Madras, India.
Graduated with a score of 82%

1999-2000 12th Grade
The Madras Christian College School,
Tamil Nadu Stateboard, India.
Graduated with a score of 86%

1997-1998 10th Grade
Maharishi Vidhya Mandir,
Central Board of Secondary Education, India.
Graduated with a score of 84%

Career Timeline

Client	Domain	Work Location	Timeline
Cognizant Energy & Utilities Portfolio	Energy & Utilities	Chennai, India	Apr 2021 - Present
JB Hunt	Logistics	Chennai, India	Oct 2018 – Mar 2021
3M	Manufacturing	Saint Paul, USA & Chennai, India	May 2007 – Sep 2018
Case New Holland	Manufacturing	Chennai, India	Mar 2006 – Apr 2007
Yazaki America	Manufacturing	Chennai, India	Oct 2005 – Sept 2006
General Motors	Manufacturing	Chennai, India	Oct 2004 – Oct 2005

Employer	FTE?	Work Location	Timeline
Cognizant	Yes	Chennai, India	Oct 2004 – Till Date

This is a brief version of my resume. An elaborate listing of all the projects that I handled can be found in the detailed resume available at [this](#) location