



Name : N.S.KARTHIK  
 Job Level : I9 [ Solution / Cloud Architect ]  
 Experience in Dell : 3 Years 7 Months

### Accomplishments Summary:

- **Total 25 years of S/w experience [ 24 years on Java Domain ]**
- **Free Lancer Currently with Multiple Cloud projects 1&1/2 Years.**
- **Dell Experience GO-BIG : 3 years & 7 months [ Hyderabad, INDIA ].**
- **Pivotal Cloud Migration Architect for GO-BIG Space.**
- **On-Hand Architect, Coding, Designing, Developing, Debugging Experience.**
- **On Hand Pivotal Cloud Architect (Integrating DELL-EMC apps to PCF GO-BIG)**
- **Experience with SAAS Architecting, Hybrid Cloud integration.**
- Micro-service Architecture Analysis / Integration & Development on PCF / VM ware.
- Design, Development, Solution, Architect in Processing of Enterprise Project Life Cycle.
- Competent, detail-oriented, highly prepared.
- Strong reasoned, problematic & complexity solving skills.
- Ability to contribute both individually & team-wise.
- Reverse / Redesign Eng. skill set.
- Experience in DELL-EMC2 Supply Chain Integration Layer.
- Experience in Google / Amazon /Azure / Pivotal Cloud.
- Skilled in Java ( Jfc, J2ee, Ejb, Jsp, Jms, Jmail, tld, Soap, Soa, Xml, Jscript, JQuery)
- Experience in Protocol handling Http(s), JMS, SFTP, SMTP, SOAP, REST
- Experience with Frameworks (Struts2, Spring(Boot), Hibernate)
- Experience with MQM ( IBM-MQ, Tibco, Rabbit MQ, ActiveMQ)
- Experience with Db (Oracle, MySQL, MSSQL) & NOSQL (Mongo DB)
- Experience with Big-Data (xml / json) based processing.
- Experience in O/s & Vm Linux(Red Hat, Gentoo, Susie), Hp –Unix , Wind-7 Server /Client
- Experience with Testing (Load, Stress, Smoke, Sanity, Venerability test) using rules engine.
- Experience with Open Source (Lucene, POI, Struts, CFX, Axis2, Jersey, Spring, Camel, Jmeter, Itext )
- Experience with Server (Tomcat , Jetty, Jboss, Oracle10gAS, WebSphere, WebLogic , Service-mix, JBoss)
- Experience with Configuration of Http(s) Load Balancer, Clustering, and SSO (using JAAS-Kerberos) features.

- Experience in Cloud ( Pivotal , Google /Azure )
- Experience with Domain Areas (Telecom/Ecommerce – Billing, Ads-Content Fraud-Content, Supply-Chain ....)
- Experience with ability to scale upgrade/redesign existing apps with advance features.
- Experience to perform CMM 4/5 & Sprint-Agile level of S/w Developments process.
- Offshore Onsite-Development experience for Tier-I S/w Clients.
- Awarded Two -times as best Solution provider (previous company)
- Awarded once in last company for enterprise solution provided (previous company)
- Awarded once in current company for enterprise solution provided.

### **Current Work:**

#### **Solution Technical Architect**

#### **Dell International Software Systems, Hi-tech City, Hyderabad Jan 2019**

- Mentoring & Design of Intranet Enterprise Portal Dev. Intranet Products for (Supply-chain (EDI - Spec) ,World –Wide ) Dell-Emc Sub Systems.
- Automate & Architecture Enterprise Solutions, Technical Upgradation and Proof of concept Design, Analysis, Development, Design, Document of Modules Forward Eng.
- Automate Large process Integration of System/sub systems with geographic constraints.
- Design for Continuous Integration system with layered various Testing & verification.
- DELL-EMC Integration layer Supply Chain Automation Integrations.
- Design Micro Services based on PCF (Dell-EMC Cloud) Probability Domain principles/processes.
- Architecting Apps to Pivotal Cloud Foundry (Fwd./Migration Engg) within the vertical.
- Architecting Apps to Pivotal Cloud Foundry across DELL/EMC combined verticals.

#### **Description**

Architecting Legacy Dell/Emc Monolithic Migration Apps to PCF in Intranet Cloud hostings.  
 Design, Development, Integration of Multi Poc/Production Apps.  
 Integration of multi Technical stack with realignment to original business process tech stack.  
 Technical Solutions approval/provisioning standards.  
 Mentored most of the Go-big space Teams for PCF E2E hybrid-migration.  
 Alignment with CI/CD Tools for Blue-Green Deployment.

#### **Technical Stack**

- Spring-Boot 3.1.0 / Micoservice , Pivotal Cloud.
- Java8 & PHP Stack
- Maven /Ant management Tool.

## **Solution Technical Architect**

**Dell International Software Systems, Hi-tech City, Hyderabad June 2015**

- Mentoring & Design of internal Enterprise Portal Dev. Intranet Products for (Supply-chain EDI -Spec ,World –Wide ) Dell Sub Systems.
- Architecture Enterprise Solutions, Proof of concept Design, Analysis, Development, Design, Document of Modules (complexities simplified) Reverse & Forward Eng.
- Forward Engg of legacy process with Multi channel/Layered Design / Process to handle Large Secure traffic.
- Large process Integration of System/sub systems with geographic constraints.
- Design for Continuous Integration system with layered Testing & style verification.
- Extensive usage of SOA for multiple loose coupled process across technologies.
- DELL-EMC2 Integration layer Supply Chain.
- Design Micro Services based on Domain principles/processes.
- Architecting Apps to Pivotal Cloud Foundry (Fwd./Reverse engg) within the vertical.
- Architecting Apps to Pivotal Cloud Foundry across DELL/EMC combined verticals.

### **Description**

Team Size Mentored / Managed: 16 [2 PM, 4 PO, 8 Java & DB , 2 SOA] & Multiple verticals

### **Technical Stack**

- Java 7, Web-Logic 12c(J2EE & SOA), Jsp, Servlets , Spring (Boot)-Mvc / Microservice,
- Web Services (SOAP , Rest ),Quartz, Mango DB, Hibernt3, Oracle 11g, JQuery,
- Jetty 7, Tomcat7, Apache2.x,Lbx
- Oracle-Linux & Win O/s - VM
- Eclipse, Ant ,Maven
- CVS, Jenkins, TFS

## Work History:

### Enterprise Architect

**SymphonyTelca, EOIZ Industrial Area, Sadaramangala, Bangalore Feb 2014 till July 2015**

- Mentoring & Design of Enterprise Portal Dev Intranet Products for GS-SHOP, Seoul, S-KOREA.
- Offshore Visit to GS-SHOP, Seoul S-KOREA for Project Onsite-Dev,Design, Demo & Operations.
- Design, Analysis, Development, Design, Document of Modules (complexities simplified), Reverse Engg.
- Standard Ecommerce Framework with Multi (5) Layered Design / Process to handle Large Secure traffic.
- Payment Gateways & Virtual Accounts native to as per country commerce integrated.
- Multi Tenancy Site Versions (Tabs , Mobile, PC ) integrated into main ecommerce presentation layer.

### Description

GS-Shop (S Korea) tends to upgrade existing Ecommerce site from B2C Model into a Multi layered B2B & B2C commerce model allowing 3 party Business Clients with multiple brands (Nike, Adidas, French Place, D&N Shop...) to market & sell products under single window model across multiple channels with upgraded technological stack.

Team Size Mentored / Managed : 12 [ 4 UI , 4 Java , 2 CVS , 1 BA ]

### Technical Stack

- Java 7, Servlets, Jsp Broadleaf Commerce Framework, Thymleaf, HTML5, Spring3-Mvc, Spring3-Security, Web Services (Reslet), Quartz, Mango DB, Hibernet3, Mysql5, JQuery,
- Tomcat7, Apache2.x,Lbx
- Linux -Red Hat
- Eclipse, Maven, Ant
- CVS, Jenkins
- CDN Image Manipulation Tools.

**Agilis Information International, Plot No1, Udyog-Vihar, Gurgaon, Haryana,  
Jan 2012 till Jan 2014**

**Technical Enterprise Architect**

- Design & Development in charge of Multiple Intranet Products for domains such as Telecom (Mobile) Fraud, Report, (multiple clients).
- Product up gradation, remote maintain, reduced downtime.
- Reverse / Forward Eng. Product Solution's specific to client requirement.
- Redesign / Tune Existing application products to manage Heavy Traffic.
- Implementation of SOA , Load Balancer, SSO Features
- Design, Development, Implementation of MQM's JMS (Tibco, Web-sphere) & Soap/JMS techniques.
- Mentored / Leading Team of 20+ of enterprise ability.
- Monitoring, Remote de-bug & Report generation of deployed live systems.
- Client's Info: US (T-Mobile, Verizon, Time Warner), Antel (South - America) Aus(Telstra), Belgium ( Belgicom), Sri Lanka Telecom.

**XIUS (Megasoft), Hyderabad Andhra Pradesh, Sept 2005 till Dec 2011.  
Project Architect / Manager / Lead**

- Design, Development, Maintenance, Implementation of 6 complete Project lifecycles.
- Design & Development in charge of Intranet & Internet products for domains such as Telecom (Mobile) Real-time Billing, Configuration (Self Care, Dealer Care, Customer Care, - MVNO), for Multiple Clients, Ads-MMS based Content Service Management.
- Designed Plug- Play of 18+ Telco Specific Enterprise modules for multi process for all clients.
- Development / Maintenance / Reverse of Eng. the Telco specific Life cycle.
- Joined the company as Project Lead and planned the same for success full product Design / Deploy / Maintenance.
- Mentored / Lead Team of 40+ from various language & domain.
- Complex Process Simplified for Heavy duty Operations.
- Client's Info : US ( T-Mobile, Verizon, Sprint ), MLYS (Tune Talk), S-AFRICA(Djibouti), IND( Etilasat , BPL , Hutch), NWZ(Tnzi), CAN (Tata)

**Control-Net (India), STPI, Verna, Goa, March 2004 till Sept 2005.**  
**Senior Project Lead**

- Design, Development, Implementation of 2 complete Project lifecycles.
- R&D Design, in charge of Intranet products based content Search engines, similar to yahoo, google with (JNLP) Natural Language processing & Web-SQL.
- Designed Re-usable multiple modules with Plug- Play Capability as Content Crawler ,Content Parser, Content throughput, Content Updater, Content Search engine for specific Intranet/Internet Enterprise ability for a Large XML Dataset .
- Mentored /Led a Team of 5+ from various language & domain, also Individual contributor.
- Simplified the Process details with customized product design.
- Complex Process Simplified for Heavy duty Operations
- Monitoring Mentoring, Maintenance of Product with customized tools for product life cycle.
- Joined the company as Project Lead and elevated as Senior Project Lead.
- Client's Info : Phone Commerce Interface ( Control-Net USA)

**CAD-Land InfoTech, Koramangala Bangalore, Sept 2003 till Feb 2004.**  
**Project Lead**

- Design, Development, Implementation of 3 complete Project lifecycles.
- Design & Development in charge of Internet (E-commerce) based Web-Site Profile designer products.
- Reverse Eng. End-to-End Enterprise modules for specific client.
- Development / Maintenance /Mentoring of projects (Reverse) specific Life cycle.
- Joined the company as Project Lead and planned the same for success full product Design / Deploy / Maintenance.
- Complex Process Simplified for Heavy duty Operations.
- Mentored /Led a Team of 15+ enterprise ability.
- Client's Info : Exedra (USA), Stock Profile Analytics Interface (USA)

**Syntax-Softech Pvt Ltd, B.T.M Layout, Bangalore, Feb 2001 till Sept 2003.**  
**Senior Project Lead**

- Design, Development, Implementation of 4 complete Project lifecycles.
- Design, in charge of Human Resource Intranet content products.
- Designed multi-dimension workflow engines with Plug- Play Enterprise Capability ability.
- Simplified the Process details with customized product design.
- Complex Process Simplified for Heavy duty Operations
- Joined the company as Project Lead.
- Mentored / Led a Team of 25+ enterprise ability.
- Client's Info : eHRIS / eERP /eCRM - LG Software (INDIA), Sony Software India (INDIA)

**Mentoware Pvt Ltd (India), Jaynagar 5<sup>th</sup> Phase Bangalore, March 2000 till Jan 2001.**  
**Senior Developer**

- Design, Development, Implementation of 2 complete Project lifecycles.
- Product developed at Off-Shore Development & Design on site at Mentoware (San Jose, CA USA) Office.
- Developed complex plug-in modules for Enterprise deployment.
- Simplified the Process details with customized product design.
- Joined the company as Developer and elevated as Senior Project Developer.
- Mentored a Team of 5+ with enterprise ability.
- Client's Info: Wells Fargo (USA), Sun Micro-system (Java –One 2000, USA).

**ADA (DRDO), Vimanapura H.A.L 2<sup>nd</sup> stage, Bangalore, March 1998 till Feb 2000.**  
**Lead Developer (On – Contract)**

- Development, Mentoring, Maintenance, Implementation of 1 complete Java enabled Intranet (Wan -based) Project lifecycles for DRDO INDIA.
- Developed Process automation of LCA related to multiple DRDO Organization groups.
- Development of heavy load capacity filters for huge data processing & Storage ability.
- Conversion of Standalone model process to Enterprise model process with monitoring capability design.
- Complex Process Simplified for Heavy duty Operations
- Joined the company as Lead Developer.
- Client's Info : LCA-MAT Process (automation ) DRDO ( BEL,SEMILAC,ADA,ADE,HAL -IND)

**B.E.L (DRDO), Yeshvantapur, Bangalore, March 1996 till Feb 1998.**  
**Developer (On – Contract)**

- Development, Implementation of 2 complete assembly& c++ project lifecycles for B.E.L INDIA
- Developed asm based Encoder /Decoders Filter with capability to debug with live military systems.
- Development of heavy load capacity filters for huge military data processing & debugging ability.
- Developed Java Standalone based UI for Asm-DB Interface (multi O/s systems).
- Client's Info : R&D-5 B.E.L (IND)

**Computech Software Services Pvt Ltd, Hebbal, Bangalore, Oct 1995 till Feb 1996.**  
**Junior Developer**

- Development of 2 complete c & c++ project lifecycles for Company Internal Operations.
- Developed low level requirement specific standalone modules for Company Internal audit process.
- Extensively used MS-Access as light weight DBMS for portable desktop Operations.
- Extensively used batch processing for bulk operations.
- Client's Info : Organization Internal auditors (IND)

**Skill set defined:**

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- Cloud : Pivotal Cloud Foundry,
- O/s: Linux (Red hat, Susie, Jentoo), Win(WorkStation, Server), HP-Uinx
- Language: Java [EJB 3.0 / Servlets / JSP / JMAIL / JMS / JDBC / JXML / JAAS / JFC / SOAP, SOA, tld], XML, PHP, Ant, Maven, Struts, SQL, UML, JavaScript [jQuery],  
cpp, asm,
- Open API tools : Apache [ Struts2, Lucene, Axis2, Servicemix, ActiveMQ, Camel, Ant, Maven,  
log4j, POI, Jtext, cfx, Jmeter, Junit ] , Jboss [ Hibernate ], Spring, SpringBoot
- Http/J2EE servers : Apache Httpd (SSL) , Jboss6, Oracle10GAS , IBM Web Sphere, Tomcat, Jetty
- Middleware: Tibco, Web Sphere, Active MQ , Web Logic (JMS, J2EE , SOA)
- NoSQL : MongoDB
- Rdbms: Oracle, MySQL, MSSQL.
- Build : Ant, Maven
- Testing Tool : Jmeter, Junit
- Ethical Hacking tool : Burp suit, Owasp
- Protc: TCP, FTP, SMTP, SOAP, JMS, HTTP (SSL), LDAP, SSO ( Kerberos )
- Tools / Rad / Ides : Eclipse [Mars], Dream weaver-Ultra
- Code Management tool: SVN, MS-VSS, CVS, Jenkins
- Arch Design Tool: Rational Rose, Ms-Visio
- Quality / Standards: CMM 4, 5, ISO
- Project Management tool: Microsoft Project Management tool, Microsoft Perforce Tool.
- Development Techniques : Agile / Scrum Techniques of software development

**Education Details:**

Bachelor of Engineering (E&C, 1995, Mysore University)

**Passport Details:**

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**Contact Details:**

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**Current Work Location / Address:**

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Bharath Nagar 2<sup>nd</sup> Phase, [Off Magadi Road ]  
Bangalore 560091  
Karnataka.

**Work Reference:**

Ramesh Jampula – Vice President|  
DELL IT Division, Hyderabad.

Guru Prasad Rao – Director GSO Division  
DELL IT Division, Hyderabad

Thomas Sujai – Directors  
DELL IT Division, Hyderabad