Ranganathan Kaliyur Mannar
39, Male   Technical Architect,
OCMJEA/SCEA 5.0, SCJP 1.4   Chennai.

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ranganathankm@gmail.com
9940481778.
http://in.linkedin.com/in/ranganathankm

Profile summary:
High quality technical architect with the ability to provide creative solutions for business problems with complete architecture and design. High quality programmer with advanced technical knowledge. Problem solver with excellent communication skills.

- 18 yrs of experience in the field of IT
- 15 yrs of experience in Java/JEE
- High quality certified Java Enterprise Architect
- Problem solver with excellent analytical skills
- Large amount of experience in programming with in-depth technical knowledge
- Possess excellent communication skills and years of onsite experience at client location.
- Experienced in SDLC including requirement analysis, design, reviews (code, design), programming with emphasis on Agile practices such as automated unit testing, CI.
- Have worked in Finance, Manufacturing and Healthcare domain.
- Experienced in submitting proposals which include providing a complete design, technical architecture and estimation.
- Experienced in OOAD, architecture, design patterns, UML.
- Completed the following technical certifications:
  - Oracle Certified Master, Java Enterprise Architect Java EE 5.0 (96%)
  - Sun Certified Java Programmer (SCJP) 1.4 (93%)
- Handled lot of training sessions & 1 yr. of experience in training.
- Have contributed to the following open-source software:
  - Marathon, a GUI testing framework:
    http://sourceforge.net/projects/marathonman/
- Developed Tutorial on Internationalization in Java (available online):
    https://i18n-tutor.appspot.com/
- Technical blog:
    http://javanbswing.blogspot.in/
- GitHub account:
    https://github.com/ranganathankm
- Have moderated forums on JavaRanch (http://www.coderanch.com)

Education:

- MCA (Master of Computer Applications), IGNOU – 2006.
- B.Sc (Computer Science), S.I.V.E.T College, Madras University – 1999.

Professional Experience:

Name of the Company	Designation	From	To	Duration
KMS IT Services (OPC) Private Limited	Founder, Director	Apr 2017	Till date	
Gold Coast IT Solutions (KC Tech Services)	Senior Technical Lead	Feb 2016	Mar 17	13 Months
Freelancing	Technical Consultant	Oct 2015	Jan 2016	4 Months
Encore Software Services	Technical Architect	Jan 2013	Sep 2015	2.7 years
CSC (Formerly Covansys)	Application Architect, Senior Associate, Developer	Jul 2000	Dec 2012	12 years
SSI	Faculty	28-Feb-00	30-Jul-00	5 months
Computer Software College	Faculty	13-Aug-99	27-Feb-00	6 months

Technical Skills:
- **Java Enterprise, Spring(Core, Security, Batch, Boot, Data JPA),**
- **Spring Boot, Web Services (SOAP,REST), JSF, EJB, GWT, Swing, JavaFX, CDI, NetBeans RCP.**
- AngularJS, TypeScript, Angular 2, MEAN stack, Appcelerator
- JBoss Seam, Apache DeltaSpike, Apache PicketLink, Servlets, JSP, JPA, JMS, PrimeFaces, Richfaces, IceFaces, JAXB, JAX-WS, JAX-RS, XML, JSON.
- Tomcat, JBoss/Wildfly, Websphere, Weblogic, Glassfish
- Maven, Ant, jUnit, DbUnit, CVS, SubVersion, Git, RedMine
- Architecture and Design, Design patterns (Core, JEE), UML.
- ANTLR Parser, Threads, Sockets, FIX Protocol.
- Apache Camel, Hadoop MapReduce 1, Jasig CAS 4, JBoss Drools
- C, C++, C#
- Jython, Marathon, Velocity, Freemarker, Unix (AIX, HP, Solaris), Linux(Ubuntu).
- DB2, Oracle, SQL Server, MySQL, PostgreSQL, JavaDB, IBM MQ Series, MS MQ.

Certifications:
- Oracle Certified Master Java Enterprise Architect 5.0, Jul 2011 (96%).
- Sun Certified Java Programmer (SCJP) 1.4, Sep 2003 (93%).

Project Experience:

1) Coordinator

Name of the Project	Coordinator Dashboard	Duration	Feb 16 - Till date
Client	GSI Health	Role	Technical lead

Technology Used: Java, Spring Boot Microservices, GWT, JPA, EJB, JMS, MySQL, Glassfish

Responsibilities:

- Enhancements and bug fixes to the application
- Leading a young team of developers

2) Multiple Projects

Name of the Project	Milo, WebCron, GATES	Duration	Feb 14 - Sep 15
Client	Matson	Role	Architect

Technology Used: Spring Batch, Spring JDBC, Hibernate, Maven, JSP, Servlets, EJB, WebLogic, JBoss, Oracle, MySQL

Responsibilities:

- Technical Leadership
- Estimation for a 20K migration project
- Provide technical solutions for complex problems

3) PRA

Name of the Project	PRA	Duration	Sep 13 - Jan14
Client	Virtuoso	Role	Architect

Technology Used: C#, .NET Framework

Responsibilities:

- Provided complete design with UML diagrams for the complex configuration based requirement.
- Leading the development effort.

4) Multiple Projects

Name of the Project	Lyris, TrustFactors, MM	Duration	Jun 13 - Aug 13
Client	Lyris, Tremus, Martini Media	Role	Architect

Responsibilities:

- Made critical intervention and trained QA team on automated testing, Maven, TestNG and CI (Jenkins).
- Designed and refactored the Java code
- Proposed performance improvement for a Hadoop MapReduce 1 job

5) CLIQ

Name of the Project	CLIQ	Duration	Jan 13-Jun 13
Client	CompassLabs	Role	Programmer

Technology Used: Java, Play Framework, MySQL

Responsibilities:

- Support and maintenance of complex Rule Engine
- Migration of PHP based code to Java

6) Multiple Projects

Name of the Project	GPSIS, MCM, MBOK, TMS, SR-Ticon, MIM	Duration	Sep 12 - Dec 12
Client	Chrysler	Role	Architect

Technology Used: Java, Struts 1.2, JSP, Servlets, WebSphere 7, IRAD 7.5, UDB

Responsibilities:

- Performance improvement of key part of web application (80% improvement)
- Issue resolution of thread-based project
- Identification and solution provided for long-term issue in production

7) TMS

Name of the Project	TMS	Duration	Mar 12 - Aug 12
Client	Chrysler	Role	Architect, Programmer

Technology Used: Java 1.6, JAX-WS, Web Services, WebSphere 7, IRAD 7.5, UDB

Responsibilities:

- Developed SOAP based Web Services
- Integration with SAP system

8) CPC

Name of the Project	Capacity Planning Calendar	Duration	Jan 11 - Feb 12
Client	Chrysler	Role	Architect

Technology Used: Java, JSF, JPA, IceFaces, Servlet Filters, WebSphere 7, IRAD 7.5, DB2

Responsibilities:

- Lead Architect for the project
- Provided complete technical design and arrived at an estimate
- Developed the high-level framework
- Implemented Authentication & Authorization module

9) CQR

Name of the Project	Common Quality Reporting	Duration	Jun 08 - Dec 10 (Detroit (USA) – 10 months, Chennai)
Client	Chrysler	Role	Tech Lead, Developer, Production Support, UML Designer

Technology Used: Java, JSP, Servlets, WebSphere 6, IRAD 7, DB2

Responsibilities:

- Developing and Implementing Enhancements
- Production Support – resolving tickets with quick turnaround based on deep analysis.
- Design and provide UML documents for team members for complex assignments.

10) AAR

Name of the Project	Account Access Retail	Duration	Mar 07 - May 08 (Baltimore (USA) – 1.2 years)
Client	T.Rowe Price	Role	24/7 Production Support, Developer, Bug Fixing, Enhancements, Load Testing

Technology Used: JSP, Servlets, EJB, DB2, AIX, IRAD, Introscope Wily, Silk Performer

Responsibilities:

- Production Support On-call 24x7 for Tier 1 external customer-facing web application
- Production Bug fixes with quick turnaround.

11) Eaton CIS

Name of the Project	Eaton CIS	Duration	Jan 06 – Feb 07
Client	Eaton	Role	Architect

Technology Used: JSP, Servlets, EJB, DB2, Oracle, Weblogic, WebSphere, Solaris, Eclipse

Responsibilities:

- Led a team of 3 in migrating existing J2EE application from WebSphere running on Windows with DB2 to WebLogic running on Sun Solaris with Oracle.
- Setting up Build Environment, Integration Environment
- Correcting and setting up CVS server, performing branching and merging.
- Design & Development of WebServices for module CCR

12) Gaurdian WGS

Name of the	Guardian World Glass	Duration	May 03 - Dec 05

Project	System		(Chennai, Auburn Hills (USA))
Client	Gaurdian Industries	Role	Developer , UML Designer

Technology Used: EJB 2.1 (Session Beans, CMP Entity Beans, MDB), Java Swing, WebLogic 8, SQL Server 2000, JBuilder, Jython 2.1, Marathon

Responsibilities:

- Development of EJB modules including Session Beans, CMP Entity Beans and Message Driven beans as per the Use Case Requirements and the Design
- Development of Swing modules as per the Use Case Requirements
- Independently enhanced open-source testing tool Marathon for the testing of Client Application as per the customization requirements of the client.
- Developed 11 code generation tools and utilities which improved the productivity of the whole team.

13) CAPCOE

Name of the Project	CAPCOE (CAPital Markets Center Of Expertise)	Duration	Aug 00 – Apr 03
Client	deBuck, Philip Securities, Citibank	Role	Developer

Technology Used: C++ (Socket, Threads, Pro C), Java (Swing, Socket, Threads, JDBC), Oracle, IBM MQ Series, MSMQ Series, UNIX Qs,UNIX (AIX,HP), Solaris, Windows.

Responsibilities:

- Design & Development of CometS for various platforms using C++ (Sockets, Threading, Pro C, Message Queues)
- Provided lot of value addition by developing various code generation tools and utilities which improved the productivity of the whole team.

Other Details:
LinkedIn Profile   :   http://in.linkedin.com/in/ranganathankm

Technical Blog   :   http://javanbswing.blogspot.in/

GitHub account   :   https://github.com/ranganathankm