

Karthik Kumar Arun

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Professional profile:

Karthik Arun is an application programmer in telecommunication domain. The practice is responsible for providing technical solution / implementation for various telecom projects. Karthik has 5 years of experience in IT consisting of design, development, testing and implementation of various telecom inventory projects for AT&T.

Technical skills:

- Java, J2EE, JQuery. Web services (SOAP and REST).
- UNIX shell scripting.
- Ajax based Solutions-Jquery, JSON, Twitter bootstrap, Angular JS basics.
- Mobile platforms: Android.
- Application servers: Weblogic 12C, iPlanet
- Web servers: Tomcat.
- Persistence framework: Hibernate.
- Web framework: Spring.
- Build tools: Ant, Maven.
- Operating systems: Windows, Solaris, Linux.
- Version control: SCME (AT&T proprietary), SVN, GIT.
- Database: Informix, Oracle, MySQL.
- Software methodology: Waterfall, Agile.
- Additional skills: Logstash, Elastic search

Key Achievements:

- Developed a configuration viewer tool in 5 days for looking up telnet logs and configlets on the routers for network operations to validate the configuration. Reduced manual look up effort and it is being used by AT&T network operations.
- IBM spark award for 2013 and 2014
- IBM eminence and excellence award for the year 2013 and 2014.
- IBM bravo award for outstanding contribution towards a release in 2012.

- IBM Service recognition award for 2015.
- Developed a tool to look up logs and order status as a single page application for the system so that developers OR testers can use this instead of looking up logs at various places.

Employer History

July 2010 – Till date – IBM Bangalore (Application programmer)

As a programmer responsible for Analysis, design, development, testing and implementation of applications for new implementations and upgrades for our IBM US customer AT&T Telecom.

Responsible for technically leading a project team in delivering solution to our customer in the Telecom sector.

Responsible for effective communication between the project team and the customer. Provide day-to-day direction to the project team and regular project status to the customer.

Translate customer requirements into formal requirements and design documents, establish specific solutions, and leading the efforts including programming and testing that culminate in client acceptance of the results. Utilize in-depth knowledge of functional and Technical experience in java and other leading-edge products and technology in conjunction with industry and business skills to deliver solutions to customer.

Environnment: Java, Unix, J2EE, Web Services.

Technologies Worked –

- 1) Java, J2EE, UNIX shell scripting.
- 2) Hibernate with spring.
- 3) Web Services using spring, JAXRPC Artix web services.
- 4) JQuery, Angular JS for client side in conjunction with JSP.

Assignment history:

AT&T, USA

Project: ICORE ABS LPP

Developer and lead- Interfaces module: ICORE ABS LPP.

ICORE ABS provides provisioning of layer 2 network elements in AT&T's network and the interface module communicates with various systems of AT&T.

My responsibility as a developer is to

- Maintain existing and build interfaces on the legacy side of ICORE ABS.
 - Interface with java UNIX shell scripting.
 - Interfaces with XML over HTTP.
 - Interfaces with JAX RPC WS.
- Build new interfaces on the re-architecture of ICORE LPP.
 - Interfaces with JAX WS

Project Activation and Design platform: CANOPI

Developer- Activation platform and Design platform: CANOPI.

Activation platform provides zero touch activation and fallouts handling of layer 2 and layer 3 components in AT&T. the workflow and interfaces module handle activation requests and process them and in case of fallouts have retry mechanisms to carry out activation of the network components.

My responsibility as a developer is to build code from scratch to host spring based web services and send out outbound messages using spring's web service template.

Working with posting and retrieving messages from JMS queues on WebLogic.

I also participated in design and development of database schema and the spring hibernate configuration for the same.

Education and background

- Bachelor of Engineering (Electrical and Electronics) – 79 % BMS college of engineering – VTU , India
- Languages spoken: English, Hindi, Kannada, Tulu.

References will be furnished upon request.