

ALANGARAM NESAN

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Cupertino, California, USA

SOFTWARE ENGINEER

- 6+ years of Experience in software industry mainly focused on software development using Java/Java EE/J2ME technologies for the healthcare, mobile payment, and finance related products.
- Good knowledge on Java EE & J2ME technologies along with other open source frameworks such as Web Services, SOAP, Spring and JPA.
- Gained experience on different software product life cycles including System Analysis, Design, Code Development, Unit Testing, System Testing and Migrations.
- Exposure to iterative and incremental software development using Agile and Scrum methodologies.

TECHNICAL SKILLS

- **Operating Systems** : Windows, Solaris.
- **Languages**: Java EE, J2ME, Java.
- **Technologies/Standards**: Java EE, J2ME, JMS, JNDI, JMX, Servlet, JSP, XML, Spring, JPA, Hibernate, iBATIS and SSL.
- **Web Services** : SOAP, RESTFUL, Apache Axis2, Apache Cxf and Metro. JAX-WS
- **Web Server**: Tomcat, IBM ,Weblogic ,WebSphere & JBOSS.
- **Tools**: Maven, SVN , Ant, Junit, TestNG
- **IDE**: Eclipse.
- **Database**: Oracle and MySQL .
- **Domain Skills**: NFC, Contactless Payment, GP, ISO 8583 , HSM , and Healthcare

PROFESSIONAL EXPERIENCE

TECHNOLOGY CONSULTANT , **HEWLETT-PACKARD, INDIA**

2011 - 2012

The Healthcare Payer System is a Web-based system, which provides the complete functionality for the health insurance companies. It is highly modular and coupled with its service-oriented architecture. This provides the business/customer the advantage of reducing the time to implement change, This provides the business/customer the advantage of reducing the time to implement change, lowering the cost of change, endless integration options, and provides the platform for enterprise business transformation.

Responsibilities:

HPS Interface Services Team :

- Implement interface services using JAX-WS, Spring –IOC, Spring –AOP
- Code and develop the components and unit testing them. ‘
- Troubleshoot/debug and fix the bugs reported by QA.
- Attend daily scrum standup meeting.
- Use Jira for bug and task trackings

Environment: Oracle WebLogic Server 10g Release 3, Spring, JAX-WS Web Services, iBATIS.

SOFTWARE ENGINEER, VIVOTECH INC USA**2006 – 2010**

ViVONfc enables banks to provision payment cards into mobile phones which can be used to make payments and redeem coupons directly at the point-of-sale at any merchant enabled with contactless payments

Responsibilities:

Involved in NFC product releases from 2.5 to 3.1 during the four years span.

- Gather requirement from product management team for the features to be included in new release.
- Write Engineering Response Document with overall approach and high level technical design for the new features.
- Write detailed design documents for individual component and modules.
- Code and develop the components and unit testing them.
- Integrate the components with the main system and release it to QA.
- Troubleshoot/debug and fix the bugs reported by QA and customers.

Technical Responsibilities

- Develop software components for server using JavaEE technologies.
- Develop servlets to process the request from mobile phones.
- Develop work flow components to process the data provided by data layer and construct the APDU commands for mobile phones.
- Encrypt the APDU commands using GP protocol and the keys from HSM(Hardware Security Modules)
- Develop data layer using JPA/Hibernate to retrieve the data from database.
- Implement both the SOAP and RESTFUL based web services using Apache axis, Metro and Apache Cxf.
- Install and setup/configure the application servers(Tomcat, Websphere, JBOSS and Weblogic)
- Set up and configure certificates to enable SSL communication between servers
- Convert server applications to use spring framework
- Develop Message Driven Bean for asynchronous events processing
- Develop monitoring services using JMX.
- Modularize the application into multiple modules and build them using Maven scripts
- Adapt to the continuous build process.

Process Responsibilities

- Attend daily scrum standup meeting.
- Use green hopper to enter and track the development activities
- Use Jira for bug and task trackings.

Environment: Windows, Solaris, J2EE, J2ME, Java, JMS, JNDI, JMX, Servlet, JSP, XML, Spring, JPA,Hibernate,SSL, SOAP, RESTFUL, Apache Axis 2, Apache Cxf , Metro, Tomcat, IBM WebSphere , JBOSS, Maven, SVN , Ant, Junit, TestNG, Eclipse, Oracle and MySQL

SOFTWARE ENGINEER, AZTEC SOFTWARE TECHNOLOGY,INDIA**2004 – 2005**

Fatlens.com is an Internet consumer e-commerce search platform for regional e-commerce covering a broad range of product and service categories.

Responsibilities included requirement gathering from client, developing java modules, deployment and load & performance testing

EDUCATION**Bachelor of Engineering in Computer Science from BTLIT –VTU****1999 – 2003**