**Karthik**

**Java Developer**

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**PROFESSIONAL SUMMARY:**

* Around 8+years of IT experience in design, development, research and implementation of **Software Development Life Cycle (SDLC),** maintenance and documenting of various web-based, Enterprise, Client/Server and Distributed applications using Java/ J2EE.
* Thorough knowledge in core Java concepts like OOP**, JAVA SWING, JDBC, JMS, Multi-Threading** and advanced Java concepts like JSP**, Servlets, XML, AJAX, Java Beans**
* Familiar with Unit and Integration **Testing** using **TFS** Unit testing Framework and NUnit.
* Involved in Software Development Life cycle (SDLC). Ability to be creative and take self-initiatives and execute/ manage multiple projects in parallel during time critical situations
* Performed in developing light weight business components and integrated applications using spring framework, and **Spring Web MVC.**
* Expertise in Upgrading **SharePoint** sites from 2007 to SharePoint 2010.
* Experienced in Installing, Configuring, Administrating, Maintaining and Troubleshooting Microsoft Office **SharePoint** Server (MOSS) 2007 / WSS 3.0 and SharePoint 2010.
* Experience in developing Web Services using - **SOAP/RESTFUL WS** and programming skills in designing and implementation of applications using **Java/J2EE**.
* Experience in using spring, **Apache CXF** and Jersey to develop **Restful** web services.
* Involved extensively in designing/developing web based applications using **HTML, XML** and **MVC design patterns**
* Very good working knowledge in **Spring, Hibernate** and **Struts frameworks**.
* Experienced in **Oracle**, **DB2** and **SQL Server 2005**.
* Sound Knowledge in Design Patterns like **Singleton, Session Facade, Factory Method** and **Data Access Object (DAO) pattern.**
* Expertise in using IDEs like**, RAD, Visual Age, Eclipse,**
* Expertise in using **various Configuration Management tools** like **CVS, Clear Case** and **SVN.**
* Well Experienced in deploying and configuring applications onto application servers like **Web logic**, **JBoss, Websphere** and **Apache Tomcat**.
* Excellent in **front-end UI** implementations in **HTML5/HTML**, **CSS3/CSS**, **Bootstrap, JavaScript, jQuery, jQuery UI, jQuery**
* Hands on experience in writing light weight**Node.js express**server, and using technologies like **Ajax**,**JavaScript/jQuery**, **JSON** to make connections between server and databases like **MongoDB** and **MySQL**.
* **Mobile**to make better **Single Page Application SPA**working on**Node.JS**Server.
* Good Experience in implementing **Web Services** such as **SOAP, WSDL, UDDI**..
* Excellent team player and ability to adapt to changes quickly and efficiently
* Experience in dealing with **on-site and off-shore teams**, customers and **stake holders**.
* Responsibilities included designing and developing new back-end services, maintaining and expanding our AWS infrastructure, and providing mentorship to others on my team.

**EDUCATION:**

Bachelor of Engineering in Electronics and communication Engineering, JNTU, INDIA.

**Technical Skills:**

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| Programming Languages | Java, J2EE, Java Script, JSTL, XML, Shell Scripting. |
| GUI Development Technologies | GWT |
| Web Application Development | Servlets, Java Server Pages (JSP), Java Server Faces (JSF), Struts, Spring, myBaits, Hibernate, JPA, JMS, AJAX, JSON, JQuery. |
| Database Development | **Technologies:** SQL, PL/SQL, JDBC.  **Software/Tools:** Oracle, MySQL. |
| Web Design Technologies/Tools. | **Technologies:** HTML, JavaScript, XML, CSS, Xpath. |
| XML Technologies | XML, XSL, DOM, XML Schema, SAX, XSLT, WSDL, SOAP , REST |
| Application Servers/Web Servers | Apache Tomcat, JBoss, BEA WebLogic. |
| Integrated Development Environment (IDE) | Eclipse, MyEclipse, IntelliJ, Net Beans, Toad, FTP Clients |
| Version Control | SVN, TFS, VSS, Clear Case. |
| Operating Systems | Microsoft Windows, Linux. |
| SDLC | Agile, Scrum. |
| Modeling Tools Enterprise Architect | |

**Client:Northwell Health Inc. Melville, NY Oct’16 – Present**

**Role: Java Developer**

**Responsibilities:**

* Involved in Developing and consuming the web Services.
* Strong knowledge of web technologies and building a REST layer that calls other web services.
* Created authentication layer with spring security.
* Involved in Unit Testing and Involved in Defect Fixing for SIT support.
* Strong knowledge on SDLC processes and related artifacts (High and Low level design documents, Unit Test Cases, agile stories/tasks), exposure to Agile SCRUM.
* Identify the common causes of the defects, prioritize them and systematically remove them so that they do not reoccur in further development work.
* Participate in end-user requirement discussions, feature analysis and design sessions
* Code, test, debug, support and document software programs or technical configurations
* Ensure programs meet technical specifications and standards
* Interact with Business Analysts during the software build or configuration and testing process.
* Review integration test plans for new developments/releases/reports.
* Maintain technical documentation based on standard operating procedures in support of the assigned application.
* Provide production support and maintenance

**Environment:** SPRING REST, APACHE CXF, SPRING, SOAP UI, POSTMAN, MAVEN, MOCKITO, ORACLE.

**Client: KPMG Roseland,NJ Aug’14 – Aug’-16**

**Role: Java Developer**

**Responsibilities:**

* Designed & developed GUI for claim creation, processing and tracking.
* Assisted in developing a comprehensive set of development policies for all development teams.
* Created Use Case Diagrams using **UML.**
* Part of a response team that worked on support issues throughout the company.
* Responsible for compiling and submitting an error report for management each week.
* The user interface components are developed using **Java AWT/swing API**.
* Developed the business layer components as Stateless Session Beans based on **EJB API**.
* Developed the data access layer components as entity Beans based on **EJB API**.
* Developed web based user interface screens using **HTML** and **Java Script**.
* Created **CSS** to get unique look and feel across the related facets.
* Client Side validations were done using **JavaScript.**
* Deployed the **EJBs** on **Web Sphere**.
* Extensively used Junit, Mockito for unit testing.
* Used Angular JS as the development framework to build a single-page application.
* Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Developed Entity Beans as Bean Managed Persistence Entity Beans and used **JDBC** to connect to backend database **DB2**.
* Used **Ant** to build the J2EE application.
* Involved in Development of Restful web services using Jersey for the functionalities like account creation, account amendment, account deactivation, account reactivation.
* Created Maven archetypes for generating fully functional REST web services supporting both XML and JSON message transformation.
* Used **CVS** to track and maintain the different version of the application.
* Developing projects in **SharePoint** 2010/2007. Technically proficient in Internet/Intranet Development, GUI based Programming for Client server and web development projects.
* Made use of Visual Age for **GUI** development and deployment.
* Experience building **SharePoint** solutions using out of the box features.
* Developed manual test scripts to evaluate Corporate Information Security Web based user authentication applications.
* Created the **Node.js EXPRESS**Server combined with **Socket.io** to build **MVC framework** from front-end side **AngularJS**to back-end **MongoDB**, in order to provide **broadcast**service as well as **chatting**service.
* Developed the Test Cases Client based on FSD'S and Business Rules; And for Web Client Test Cases based on Use Cases, Wire Frames, Annotated Documents and Business Rules.
* Performed Input Validations, User Interface Validations, Browser Compatibility testing and Navigation testing..
* Visual Age is used for coding through all the stages of this project.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’s,
* Responsibilities included designing and developing new back-end services, maintaining and expanding our AWS infrastructure, and providing mentorship to others on my team.

**Environment:** JAVA, EJB, JSP, HTML, CSS, JavaScript, Selenium,TestingCVS, Unified Modeling Language, XML, Web Sphere Application Server, Visual Age, DB2, Java AWT/Swing API.

**Client: Kaiser Permanente, Denver, CO Jan 13-July 14**

**Role: Java/J2EE Developer**

**Description:** Kaiser Permanente is an integrated managed care consortium which has 9 million health plan members. It provides prepaid health plans and also hospital facilities. The project aim is to analyze the database that contains different diseases information and determine how they could improve treatment of the disease.

**Responsibilities:**

* Involved in various **SDLC** phases like Design, Development and Testing.
* Developed front end using **Struts** and **JSP**.
* Tested all application controllers extensively with mocha/chai and angular’s built-in testing facilities.
* Developed webpages using **HTML, Java script, JQuery** and **CSS**.
* Used various Core Java concepts such as **Exception Handling**, **Collection**APIs to implement various features and enhancements.
* Developed server side components **servlets** for the application.
* Involved in coding, maintaining, and administering **Servlets** and **JSP** components to be deployed on a Web Sphere application server.
* Implemented Hibernate ORM to Map relational data directly to java objects
* Worked with Complex **SQL queries**, **Functions** and **Stored Procedures**.
* Involved in developing **spring web MVC** frame work for portals application.
* Implemented the logging mechanism using**log4j** framework.
* Developed **Web Services**.
* Wrote test cases in **JUnit** for unit testing of classes.
* Used **Maven** to build the J2EE application.
* Analyzed the **Node.JS** server structure in legacy project, then mimicked the **REST service** by using Java**JAX-WS**API, and did the corresponding configurations.
* Used **SVN** to track and maintain the different version of the application.
* Involved in maintenance of different applications with offshore team.
* Used to interact with share brokers to do the changes in the code according to their requirements.
* Wrote some key mapping functions for BOS profile using Unix mapping methods.

**Environment:** Java, Spring Framework, Struts, Hibernate, RAD, SVN, Maven, Web Sphere Application Server, Web Services, Oracle Database 11g, IBM MQ, JMS, HTML, Java script, xml, CSS.

**Priority Health Michigan, Grand Rapids, MI Oct 11-Dec 12**

**Sr Java/J2EE Developer**

Michigan-based Priority Health offers group health insurance plans, HMO coverage, and options for individual and family medical plans;Priority Health is consistently ranked as one of the best health plans in the country. All Priority Health employees are considered part of the Spectrum Health system

**Responsibilities**:

* Involved in the analysis, design and implementation and testing phases of **SDLC**
* Developed Use Case Diagrams, Object Diagrams & Class Diagrams in **UML.**
* Followed **Agile & Scrum Methodology** for development of the product
* Developed the application using Spring MVC Framework by implementing controller and backend service classes.
* Used Spring MVC to decouple business logic and view components
* Involved in designing and developing the front end of the application using **JSF**, **JSP, Java script, HTML/5 and CSS3**
* Used **servlets** as Front Controllers and **JavaScript**, **Dojo** for client side validations
* Developed **JSP** custom tag libraries, and associated support in the Action Servlet, that assists in creating interactive form-based applications, which is the one of the primary area of functionality using **Springs**
* Made use of Spring **Inversion of Control (IOC)** and Spring **Aspect Oriented Programming (AOP)**
* Developed Service layer classes to support the business functionality with **Spring**
* Created the Application Context file in the **Spring** Framework for **injecting beans**
* Made use of **Data Access Object (DAO)** design pattern for designing data access layer
* Implemented **WebService** client using **CXF** and Spring
* Developed web services **SOAP, WSDL** and web services clients using Axis and XML
* Designed **DTDs, XML** Schema for data transmission and **XSL** style-sheets to generate Excel sheets, graphs, ppt, PDF from **XML**
* Involved in writing the **Named queries, Criteria queries** in **Hibernate 4.0**
* Involved in writing the **SQL Queries** for different database operations

Created web services using **eclipse 3.2 IDE** which is deployed as a separate application using **Maven** scripts

* Avoided whole page refresh using **Ajax** and implemented **Jquery** for client-side validation
* Involved in implementing **JUnit** Test Cases
* Implemented **JavaScript** Client side validation and some server side validation with java code as per the requirements

Involved in deployment of this application on **WebLogic 10.3.6** Application Server

* Preparation of Issue resolution t**racking sheet,** categorizing issues, maintaining the issue aid information and **resolve issues** occurring in production
* Involved in fixing the bugs at Development and production levels.
* Involved in code integration and shipment of the code to other environments
* Involved on the Print project. Created **DB2** tables for testing purposes
* Designed **Test Scenarios** for the functionality testing.

###### Environment: **Java 5.0, J2EE 1.6, JSP 2.0, Servlets, Springs 3.1, JDBC, XML, Ajax, JavaScript, DOJO, Oracle 11g,Web logic 10.3.6, HTML/HTML5, Web Services. Java Script, SVN, Hibernate 4.0, Eclipse 3.2, SQL, XML, Unix**

**Client: Citi Bank Corporation, Mumbai, India Dec 08 – Sep 11**

**Role: Java Developer**

**Description:**

The application SPEED (System to Provide Employee Empowerment and Development)was intended to be used by employees and various HR personnel of a leading Bank in the CEEMEA region. The e-HR project is aimed at empowering the bank employees by providing them with their work-related information. This project was aimed at making online availability of HR system. This project covers the entire spectrum of HR activities and integrates the employees with the HR functionality.

**Responsibilities:**

* Involved in development of **Staffing** sub-modules like Staffing Override, Interview Override, Resume Upload.
* Interacted with the **User Group** to gather requirements.
* Developed application using Eclipse IDE.
* Designed the sub-modules based on the **initial specifications** defined by the user group.
* Performed Analysis and development of **Stateless Session Bean**, **Data Access object** and Application Component for Screening and Short-listing module.
* Involved in developing in all the tiers of **J2EE** application.
* Configured **JBoss Application Server** and deployed the web components into the server
* Involved in **debugging, testing and integration** of the system

**Environment: CoreJava, Servlets, JDBC, EJB, JSP, JMS, Java Swing, HTML, XML, Oracle 9i, JBoss, Eclipse,Unix**

**VisuCybertech India Ltd., Hyderabad, India            Dec’07 – Nov’08 Java Developer**

**Description:** Vidura is a hi-end technology tool, which provides for total management of the school administration, effectively and efficiently.  Vidura school administration ERP software keeps track of student’s details, employee’s details and library details. The software has a number of modules like, Student information, Academic schedule, Accounting and Payroll, Question bank, Reports and Returns, Library, Laboratory, and Employee details etc.

**Responsibilities:**

* Involved in Specification Requirement Study, Screen design, Analysis of the control creation methodology, developing the required Controls and GUI and database design development.
* Involved in Database design, development, testing, and implementation. Designed, developed, tested, and implemented.
* Developed user interface with **JSP** and used **JSP Tag libraries** to simplify the application complexity.
* Developed the following JSP/HTML pages – login/portfolio, creation/management, authorizations, news display, standard company template pages, user preferences, system monitoring, daily activities, reporting/analysis, system administration pages, message broadcasts, etc.
* Extensively used the objects like the **Microsoft Equation Editor** and **Data grids**.
* Created web pages using **JSP** and **HTML**.
* Wrote stored procedures in oracle, worked with **PL/SQL**.
* Implemented reports using **Crystal Reports**

**Environment:** Core Java, JSP, HTML, Servlets, JavaScript, JDK, JDBC, HTML, TOMCAT, Apache Server, Oracle .