**CHENTHIL VINAYAGAN IYYAPPAN**

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**Summary**

* 8+ years of experience in the analysis, design, development, implementation and support of web development in the **Client-Server** applications **using Java, J2EE technologies.**
* Experience in **agile software methodology** and **certified scrum master**.
* Extensive experience in development using **Java, J2EE, Struts, Spring, Hibernate, BPM, MVC architecture, JSP, Servlets, Java Beans, JDBC, XML, Jasper Reports, Log4j, Maven, HTML, JavaScript, JQuery, YUI** and **DHTML.**
* An interest to learn and develop systems using upcoming technology.
* Exposure on product design, prototyping, documentation and deployment. Adept in providing technical solutions for business problems.
* Extensive Experience in **RDBMS Concepts** and **OOAD**.
* Experience in developing frontend using **HTML, XML, XSLT, JSF, CSS, JQuery, YUI** and **JavaScript.**
* Strong coding, debugging, monitoring and testing skills using **Eclipse, IBM WID,** and **RAD** development environments**.**
* Excellent exposure coding presentation layer **(JSF, JSP, Servlets,** and **JavaScript)**, business layer **(Struts, Spring)** to database layer **(Oracle, MySQL)**.
* Experience in developing Reports Template using **iReport** tool on **Jasper Server**.
* Experience in implementing **Mediation** Module with **Restful** service integration on SOA based application on **IBM Process Server**.
* Knowledge on **Apache Tomcat, JBOSS, IBM WebSphere Application Server** and **IBM Process Server**.
* Experience in **Web Services** technologies like **XML**, **WSDL, and SOAP and RestFul** based on **SOA (Service Oriented Architecture)**.
* Experience with working on code management using **Sub Version Control** and **CVS**.

**Technical Skills**

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| --- | --- |
| Operating Systems | WINDOWS, UNIX |
| Languages | Java, J2EE |
| Database | Oracle, Toad, MySQL |
| Internet Markup Languages | XML, HTML, DHTML, CSS. |
| Scripting Languages | JavaScript, Flex, ActionScript, JQuery and YUI |
| Application Servers | Web Sphere, JBoss and Tomcat. |
| Open Source Libraries | ANT, Maven |
| Java Development Tools | Eclipse, WID, RAD |
| Logging tools | Log4j |
| Product | Saba, Exigen PAS, Elixir PAS |
| Frameworks | JSF, Spring, Strut, Hibernate |

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| **Education and Certifications** | | |
| **Title** | **College/University** | **Year of Passing** |
| Bachelor in Engineering  Certified Scrum Master | Anna University  Scrum Alliance | 2005.  2013 |

**Employment History:**

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| --- | --- | --- | --- |
| **Name of the Company** | **Designation** | **From** | **To** |
| **Majesco Mastek** | Developer | Aug14 | Tilldate |
| **Cognizant Technology Solutions** | Associate Projects | Oct 2009 | Aug 2014 |
| **Corent Technology Pvt Ltd** | Software Engineer | July 2009 | Oct 2009 |
| **Expertus Infotech Pvt Ltd** | Software Development Engineer | Jul 2007 | July 2009 |
| **Boden Software Services Pvt Ltd** | Associate Software Engineer | Feb 2006 | Feb 2007 |

**Projects:**

**ELIXIR: Policy Administration System (Life and Annuity)**

**Senior Java Developer *Aug’14 – till date***

Elixir North America Policy Administration System (PAS) caters to the Life, Health and Annuity insurance and is designed for both individual and group markets. Elixir Policy Administration System (PAS) has a fully integrated library of products, tax and regulatory content, providing full and fast configuration and self-sufficiency. Its automated workflows and dashboards eliminate manual tasks and support quick business response to market changes. It provides superior customer capabilities to improve the producer and consumer experience. It includes built-in support for all diverse insurance products on a single platform

This project is a product enhancement and customization based on client specifications and requirements for the foot print and for rolling out a system to support and partner club states. The core base service functionality is provided by MajescoMastek product factory runtime and it is based on policy core common requirements. This product comprised of EditSolutions, Engine and Security. EditSolutions which manages the life cycle from quote to policy transformation, Engine holds the product rules and Security for managing user information

Currently base product is customizing for customer Gerber and Equitrust.

**Methodology:** Agile Software Development.

**Tools:**Tomcat, Eclipse, SQL Server, Sonar, SOAP

**Framework:** Spring MVC, Spring Web flow, JPA, Hibernate, Web services, JUnit

***Responsibilities***

* Involve in Analysis, Design, Construction and Implementation of EquiTrust PAS using SCRUM Methodology.
* Hands on Spring MVC framework and persistence using Hibernate JPA.
* Prepare custom component lifecycle diagrams, service design documents for each custom components, UML class diagrams and sequence diagrams as per as the client requirements and specifications.
* Perform reviews of the user stories and provide the suitable design.
* Work with the Business Analysts to accept stories for the current sprint and handle clarifications.
* Participate in the QA defect review calls to discuss the Sprint defects.
* Interact with different client expert for getting clarifications on various issues
* Involve in daily scrum calls, Sprint planning, Sprint review and  provide daily work update to Scrum Master

**EXIGEN: Policy Administration System (Property&Casualty and Auto)**

**Senior Java Developer *May’13 – July 14***

The Policy Administration System (PAS) is initiated to provide our customers an outstanding experience by improving the Member Relationship Management, Insurance business processes and capabilities, and supporting the improvements with a new, highly integrated, and flexible system for home products across US and Canada. They are Member Relationship Management (MRM), Integrated User Interface (IUI), Policy Administration System (PAS), Address Validation System (AVS), Customer Master Next Generation (CMNG), Billing and Payments and Document Creation Service (DCS).

The whole product architecture is divided in to three distinct tires which are Presentation Services Tier, Business Services Tier, and Integration Services Tier. Presentation Service tier contains the Ajax components, JSF components, Resource Bundles, spring based Actions and Controller beans. Business tier contains core business logic services, service beans, domain objects, BPM engine for workflow management of service beans, Data Access Objects, Event Services and notifications. All are managed by the spring container. Integration services tier contains the O/R mappings, Transaction management services, with the help of JPA based entity objects.

**Methodology:** Agile Software Development.

**Tools:**Oracle**,** Eclipse, Web sphere, Tomcat, Maven, Sonar, Liquibase, SOAP

**Framework:** Spring MVC, Spring Web flow, JPA, Hibernate, REST and SOAP Web services, JQUERY, JUnit, Selenium

***Responsibilities***

* Participate on all **scrum meetings** & planning and preparing backlog for next sprint.
* Understanding business requirements, configure and customize the product as per the requirements document.
* Preparing custom component lifecycle diagrams, service design documents for each custom components, **UML class diagrams** and **sequence diagrams** as per the client requirements and specifications.
* Prepare liquibase scripts for database.
* Prepare **Unit Test Plans and perform Testing.**
* Developing the components/artifacts that implements Component interface contract, versioning of the components, and creation of the new business services by extending core policy core services provided by **Exigen product factory**.
* Providing support to Quality Assurance (QA) testing and User Acceptance testing (UAT) and resolving the defects which are raised during QA and UAT testing.
* Following up meetings with QA/BA Team’s on the Project requirements and Project Defects.
* **Review the code developed by offshore team.**
* **Interact with business team for functionality clarification.**
* **Interact with architect team for design clarification.**

**CFI Nextgen (Online Policy System)**

***Senior Software Engineer******Sep’12 – May’13***

CFI Nextgen is a multi-tier environment that consists of REST layer, Business Process layer, Integration Layer and enterprise layer. The business services comprise the middle layer of a multi-tier services architecture (RESTful Application Services, Business Services, Integration Services) being developed as part of the CFI Next Gen project.

Worked with a team on a large WebSphere Process server based project that utilized a decoupled  
RESTful Service layer that communicated to both backend Service Component Architecture   
business modules as well as to an Enterprise Service WPS 8.0 layer via JAX-RS. Helped to maintain and   
enhance the BPEL mediations and web services that are used to support various online quoting applications for a large insurance company. BPELs then orchestrated the domain service invocations to fulfill the request. Eventually calls are made to a broker service import and down to the legacy enterprise service layer. Designed and coded via testing driven development using TestNG integrated into Websphere Integration Developer 7.0.

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***Responsibilities:***

* Analysis and design of the requirement from the business.
* Worked on the services layer as a process developer and implemented **Mediation module**.
* Involved in the implementation of **REST and Process layer**.
* Worked on the **SOAP UI test** to test the services.
* Prepared the P2 tech commit document for the release.
* Involved with the integration work on other layers.

**Methodology:** Agile Software Development.

**Tools:**RAD, WID, Maven, Oracle, SQL Developer,

**Framework:** Java, Web sphere Process Server, RESTFUL Services, Mediation Module

**Think Central K-6**

***Senior Software Engineer Nov 09 – Augl’12***

Houghton Mifflin Harcourt is a global education leader and the world's largest publisher of educational materials for pre-K–12 schools.

Think Central for grades K-6 offers schools a robust, stable platform in which the user can view, schedule and assign Houghton Mifflin Harcourt materials.

***Responsibilities:***

* Re-engineering of existing application for incorporating latest technology like **struts, spring**.
* Requirement Analysis and done POC for client initiated enhancements.
* Implementation of the enhancements using technology like **struts(MVC), spring(IOC, AOP)** and **EJB**.
* Involved in the design of report module features using **Jasper report** framework.
* Development of reports using **Jasper Server**.
* Designing the report template using **iReport** tool.
* Developed the **PLSQL** stored procedure for the new functionality.
* Prepared the **technical design document** and implemented the **SSO** feature using **Ping Federate** server on the application.
* Implemented the integration of external application called ePlanner with TCK-6 through LTI framework.
* Development and Review of unit test code using **Cactus framework**.

**Methodology:** Agile Software Development.

**Tools:**Web Sphere server, Jasper Server, JUnit using Cactus Framework, SOAP

**Framework:** Java, Struts, Spring, EJB, Axis2 Web services, Jasper Report Templates, PLSQL and Oracle.

**Client Framework**: JavaScript, JQuery, AJAX

**Smart Connect  *April’09 – Sept’09***

***Java Developer***

Smart Connect is a central repository like which aimed at making learning in an informal way and enable access to learning information provided by the respective corporate system. It is a service provider for corporate learning management system and each learner routed through smart connect for the required services. Each service requests are tracked in smart connect for usage count. The smart connect elements are maintained through smart connect admin console and maintained by expertus.

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***Responsibilities:***

* Work involves designing **User Interface** for activities based on Use Cases.
* Involved in Requirement gathering and prepared the technical design document.
* Developed an Admin Console using jQuery and the servlets code.
* Involved in Integration testing and prepared Test Case and Test Report.
* Server maintenance and configurations.

**Tools:**Eclipse, SQL developer, JBoss

**Framework:** Java, Struts

**Client Framework**: JavaScript, jQuery, AJAX

**Learning Portal Platform (LPP) *Sept’ 08 - Feb’09***

***Java Developer***

Learning portal platform, a powerful application platform which provides an approach that overcomes the shortfalls of traditional customizations. LPP uses web 2.0 technologies to develop a scalable and mature approach to integrate LMS application with any corporate portal site. It enables organizations to manage their site more efficiently. LPP uses Expertus Learning portal platform framework that has been designed from ground up to eliminate complexity at the architecture and the API levels. Using this framework smart, intelligent and self-contained widgets called Learning widgets can be easily developed in a web application.

***Responsibilities:***

* Developed widget using the Ajax, YUI libraries.
* Setting up the development environment
* Involved in Integration testing and prepared Test Case and Test Report
* Involved in build preparation and release activities.

**Tools:**Log4j, Web Sphere, Eclipse 3.1 IDE, TOAD

**Framework:** MVC2 Architecture, Singleton and Façade design pattern, Core Java, J2EE, Oracle 9i

**Client Framework**: JavaScript, jQuery, AJAX

**EMC Production Support** Nov***’ 07 -May’ 08***

***Java developer***

Expertus InfoTech is in the implementation / customization of e-Learning product called SABA. This tailor made product gives an edge in HR vertical for Human Capital Management. The product allows customization in-line with customer need. It helps Organization to educate and train their employees in the required areas. It also helps Organization / Institution to provide training and educate students in the required subjects. This product helps in company product sales.

***Responsibilities:***

* Involved in installation set up of Saba in development and testing environment.
* Involved in Database import and maintenance.
* Involved in support and customization of Saba.
* Prepared Unit Test Cases.
* Detailed Design Document for Customized Application.

**Tools:**Web Sphere, Eclipse 3.1 IDE, TOAD

**Framework:** Saba 5.2, J2SDK 1.4.2\_05, Apache HTTP Server 2.0.54

**Client Framework**: JavaScript, YUI 2.0.1, AJAX

**My learn to Saba Migration *July’ 07 - Oct’ 07***

***Java developer***

Mylearn is currently used for training internal employees of EMC Sales Group. Mylearn is a LMS (Learning Management System) in addition to Saba (Knowledge Link) available for providing training to Sales Group. After doing migration of Mylearn sales group data into Saba, EMC- Sales group can use Saba LMS for their employees training needs. Also Bonus Program Screens for Admin, learner and Manager Functionalities is developed on Saba to track the credits of sales group learners for each quarter.

***Responsibilities:***

* Developed Bonus plan admin module using Saba Cocoon framework.
* Prepared Unit Test Cases
* Detailed Design Document for Developed Application

**Tools:**Log4j, Web Sphere, Eclipse 3.1 IDE, TOAD

**Framework:** Cocoon Framework, Core Java, J2EE, Oracle 9i

**Client Framework**: JavaScript, jQuery, AJAX