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| P. JEYASINGH Email: [jeyasingh1985@gmail.com](mailto:jeyasingh1985@gmail.com) Mobile: 9965606119 |  |

**Summary**

Around 15+ years of strong experience in the field of Software Development in Internet & Intranet based applications.

* Proficiency in Developing Enterprise Applications using Python, Java, React JS, JSP, Servlets, HTML, Java Script, XML & SQL.
* Proficiency in Frameworks Implementation in Web Applications such as Spring Framework, Persistent Layer Framework, Struts Framework.

### Software Skills

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| Web Technologies | **:** | | | HTML, DHTML, JavaScript, Ajax, JQuery, XML, JSON, DTD, XSD, XSLT, SAX |
| Frame work | | **:** | ReactJS,StrutsFramework,SpringFramework PersistentLayerFramework(Hibernate) | |
| High Level Language | **:** | | | Java, Python |
| RDBMS | **:** | | | Oracle , MySQL |
| Application/Web Server | **:** | | | WepsphereApplicationServer,JBOSS,Apache Tomcat, Jetty |
| Tools | **:** | | | Jenkins, Maven, Ant , Eclipse, SQL Developer |
| Operating System | **:** | | | Windows 10/ Linux |

**Experience**

* Working as a Program Analyst in **BA Continuum Solutions Private Limited**, Chennai, from 28th January 2015 to till date.
* Working as a Senior System Analyst in **Vayana India Private Limited**, Chennai, from 5th March 2012 to 27th January 2015.
* Worked as a Senior Software Engineer in **Eagle Software India Pvt. Ltd**, Chennai, from 1st April 2010 to 2nd March 2012.
* Worked as a Software Engineer in **GI Terminal I Tech India Pvt. Ltd**, Chennai, from 16th March 2007 to 30th March 2010.

### Engagement Overview

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| **Project : Quartz** | | |  |
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| Languages | : | Python | |

**Project Description:**

RAFT is a functional test automation framework which powers quick, efficient & shift left testing. It is supported by GBAM with resources that advise technology & business partners in adopting 5DM-aligned quality assurance solutions that are amply scalable, flexible & simple. Patented RAFT framework is designed and developed By Bank of America For Bank of America. It is exclusively supported by RAFT user community. Any qualified RAFT users within bank can contribute to the framework.

**Role and Contribution:**

* Developed and integrated SHA-256 checksum generation and validation for Quartz core libraries.
* Refactored the distribution script to streamline operations, eliminate inefficiencies, and fix persistent errors.
* Identified and resolved a race condition that was causing intermittent failures during unit test execution, ensuring stable and consistent test results.
* Developed a utility to automate code synchronization from the production environment to the development environment, ensuring up-to-date and consistent codebases.
* Introduced an enhancement in QZDesktop that enhances user experience by guiding unauthorized users to a relevant error page instead of leaving them without direction.

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| **Project : RAFT** | | |  |
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| Languages | : | Java,Spring | |

**Project Description:**

RAFT is a functional test automation framework which powers quick, efficient & shift left testing. It is supported by GBAM with resources that advise technology & business partners in adopting 5DM-aligned quality assurance solutions that are amply scalable, flexible & simple. Patented RAFT framework is designed and developed By Bank of America For Bank of America. It is exclusively supported by RAFT user community. Any qualified RAFT users within bank can contribute to the framework.

**Role and Contribution:**

* + Implementing Container App functionality
  + Handling Shadow DOM elements
  + Implementing Native Mobile App features
  + Integrating OAuth 2 authentication in Web Services
  + Developing Spy capability
* Upgrading the Execution Factory modules

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| **Project : Ratnakarbank ( Internet Banking)** | | |  |
| Client | : | Ratnakar Bank | |
| Languages | : | HTML, JavaScript, JDK1.6, JSP, XML | |
| RDBMS | : | Oracle | |
| Frame work | : | Struts Framework, XSQL Servlet based Solutionnet framework | |
| Application Server | : | JBOSS | |

**Project Description:**

Ratnakar Bank is a fully secured, internet based retail banking system which provides various features like fund transfers, Mini and Detail Statement Enquiry, One view account balance for CASA, fixed deposits and Loan accounts, Online DD request, Cheque status monitor, setting up of the standing instructions for all fund transfer types to their customers.

**Role and Contribution:**

* Development and support for TD Booking module in Retail and Corporate application.
* Development and support for CMS Integration in Corporate application.
* Development and support for Payment Gateway Integration in Corporate application.
* Supported on UAT issues on all modules.
* Web Security Issues like SQL Injection, XSS, and Click Jacking fixes across the application.

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| **Product : GCA (Generic Corporate Adapter)** | | |  |
| Client | : | HDFC Bank | |
| Languages | : | HTML, JavaScript, JQuery, JDK1.6, JSP, XML, XSD | |
| Frame work | : | Struts Framework, XSQL Servlet based Solutionnet framework, Smooks with freemarker template | |
| RDBMSAPI | : **:** | Oracle Apache DBUtils, Dynamic Jasper, SAX, JPPF,IReport, FlatPack, BoneCP | |
| Application Server | : | Web sphere Application Server | |

**Project Description:**

In today’s competitive market place, most of the banks have the urgent and compelling need to get the enterprises connected to them primarily for bulk transactions. Generic Corporate Adapters (GCAs), as a product, were aimed to help the banks acquire corporate customers with the requirement of bulk data upload at the shortest possible time. An Adapter is nothing but it holds a specific functionality according to the requirements asked by a company or corporate customer. Sometimes it may be for a group of companies coming under a single domain on upload file format basis. With the help of generic corporate Adapters, bank can enroll customers with very less time and thereby they can reduce the ‘Tim-To-Market’ substantially as compared to their competitors. Generic Corporate Adapter replaces the traditional single file format approach for upload of bulk payments or salary payments. Banks can comply with the corporate file format which is extracted out of their ERP system. GCA is a generic tool to parse data from any type of file format and to generate the data in any type of file format.

**Role and Contribution:**

* Development of core engine component and GCA admin application.
* Integration of the core component with the existing system.
* Developed JSPs to provide interactive screens to display data
* Used Java script and Struts validation for front end validation
* Design and developed Struts Action classes and views using Custom/Struts tags
* Created Business objects and service classes to implement business logic.
* Developed a web based system with HTML, JSP Tag libraries, and custom tag libraries using Struts framework
* Incorporated MVC design pattern by making extensive use of Jakarta Struts framework to clearly differentiate roles and responsibilities and also to make code maintenance easy.

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| **Project : CorporationBank (Internet Banking)** | | |  |
| Client | : | Corporation Bank | |
| Languages | : | HTML, JavaScript, JDK1.6, JSP, XML | |
| RDBMS | : | Oracle | |
| Frame work | : | Struts Framework, XSQL Servlet based Solutionnet framework | |
| Application Server | : | JBOSS | |
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**Project Description:**

Corporation Bank has welcomed customers, serving them with the best products the banking industry has to offer. Online Internet banking service is a convenient, fast and secure way of banking. With the help of Internet Banking, you can easily meet all your banking needs - right from balance enquiries to funds transfers and other financial services with just a few clicks! Corporation Supports Funds Transfer (a/c to a/c, NEFT, RTGS), Salary payments (On Screen and File upload) and Bulk Payments(File Upload).

**Role and Contribution:**

* Implementation of SHA based encryption for password validation in Retail and MTC application.
* Supported on UAT issues on all modules.
* Web Security Issues like SQL Injection, XSS, and Click Jacking fixes across the application.

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| **Project : DhanlaxmiBank ( Mobile Banking )** | | |  |
| Client | : | Dhanlaxmi Bank | |
| Languages | : | HTML, JavaScript, JDK1.6, XML , JSON | |
| RDBMS | : | Oracle | |
| Frame work | : | Spring Framework, Solutionnet framework | |
| Application Server | : | JBOSS | |
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**Project Description:**

Dhanlaxmi Bank MTC is the Mobile Banking Application of Dhanlaxmi Bank which provides various features like fund transfers, Statement Enquiry, Balance Enquiry, DD request, Cheque status monitor. Fund transfer feature allows the customer to transfer funds within Dhanlaxmi Bank and outside Dhanlaxmi through NEFT/RTGS/IMPS by using Net Banking login credentials.

**Role and Contribution:**

* Upgraded the existing Mobile Bank Spring frame work with new features such as Interceptors, Annotation based mappings, Aspect based logging, Aspect based exception handling and apache DB utilities. Developed the Login, Registration and Payment modules.

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| **Project : ENet (Corporate Internet Banking)** | | |  |
| Client | : | HDFC Bank | |
| Languages | : | HTML, JavaScript, JDK1.5, JSP, XML | |
| Frame work | : | Struts Framework, XSQL Servlet based Solutionnet framework | |
| RDBMS | : | Oracle | |
| Application Server | : | Websphere Application Server | |
| Middleware | : | IBM MQ Series | |

**Project Description:**

Enet is fully secured Internet based on-line, real time electronic delivery channel, providing convenient and secure access to their banking information over the Internet. Enet allows multi-branch connectivity and can integrate with heterogeneous core back-end systems across branches in India. This integration provides a seamless access point for clients. ENet is 3-level hierarchical design (domains, groups and companies) is well suited to today's corporate vision of managing global businesses.

Enet Support 5 types of users (which include Corporate User, Corporate Authorizer, Bank User, Bank Authorizer and Verifier) and various payment types (A/C to A/C, NEFT, RTGS, Cheque, DD, DD purchase and Hundi Payments).

**Role and Contribution:**

* Development and support (up to production movement) for the enhancement Extended hours (24/7).
* Web Security Issues like SQL Injection, XSS, and Click Jacking fixes across the application.

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| **Project : Online Lottery Management System** | | |  |
| Client | : | National Lottery Administration, Zimbabwe | |
| Languages | : | JSP, Servlets, Ajax, Java Script, XML, HTML | |
| RDBMS | : | MySQL | |
| Tools | : | Net Beans | |
| Architecture | : | MVC Architecture | |
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**Project Description:**

Online Lottery Management System is a secure online lottery solution with efficient report generation tool. This System provides a complete solution for management information system operating inside lottery board data centre. This system track all the transactions taking place in retailer terminal, lottery sales ,lottery draw process, profit and loss statements In addition it provides solution for terminal set up, terminal communications system and network monitoring system .

**Role and Contribution:**

* Involved in the Coding and Development of Server side components using Servlets & JSP Technologies.
* Wrote client-side validations in Java scripts.
* Developed Servlets for getting the data from the business objects and redirecting to the appropriate pages
* Developed SQL queries and stored procedures in ORACLE for the application;
* Used NetBeans as IDE tool to develop the application.
* Used AJAX for asynchronous communication with server.
* Developed JSPs to provide interactive screens to display data

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| **Project : Instant Tickets Sales Management** | | |  |
| Client | : | Rieves UK Ltd | |
| Languages | : | JSP, Servlets, Struts, Hibernate, Ajax, JAVA Script | |
| RDBMS | : | ORACLE | |
| Tools | : | Net Beans | |
| Architecture | : | MVC Architecture | |
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**Project Description:**

Instant Tickets Sales Management is an inventory management system for instant lottery tickets. This system support for ticket order, ticket dispatch and ticket return transactions. Users can obtain reports on sales, sales return, inventory and validation status.

**Role and Contribution:**

* Design and development of application using Java, J2EE, Struts, Hibernate & XML Used Hibernate framework for the back end persistence
* Implemented Hibernate persistent classes and their corresponding xml mapping files for storage and retrieval of information to and from the persistent storage.
* Extensively worked on implementation Struts core classes
* Developed JSPs to provide interactive screens to display data
* Used Java script and Struts validation for front end validation
* Design and developed Struts Action classes and views using Custom/Struts tags
* Created Business objects and service classes to implement business logic.
* Developed a web based system with HTML, JSP Tag libraries, and custom tag libraries using Struts framework
* Incorporated MVC design pattern by making extensive use of Jakarta Struts framework to clearly differentiate roles and responsibilities and also to make code maintenance easy.

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| **Project : CashPro Online** | | |  |
| Client | : | Bank Of America | |
| Languages | : | JSP, Servlets, Struts, , Ajax, JAVA Script | |
| RDBMS | : | ORACLE | |
| Tools | : | Eclipse | |
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**Project Description:**

CashPro is a banking application of Bank Of America using which Business Owners can manage cash flow more quickly and efficiently with the convenience of a single sign-on portal.   
Gain better control and real-time visibility into business accounts.

**Personal Details:**

Name : Jeyasingh.P.

Father’s Name : Mr. G.Packianathan.

Sex : Male.

Date of Birth : 13th April 1985.

Age : 29 years.

Marital Status : Single.

Nationality : Indian.

Languages Known : English & Tamil.

Hobbies & Interests : Browsing, Playing Cricket, Listening to Music.

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