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Objective

Looking for a suitable position as Full Stack Developer / Technical Consultant / Java Architect / Technical Manager in Java and J2EE technologies.

Summary

- Recently, worked as a Technical Manager (Full Stack Developer: Java/J2EE) in **Indecomm Digital Services, India** from Aug 2017 to Oct 2019.
- Pursued postgraduate master degree (M. Sc) in Information Technology in 2002.
- Having 14 years of professional experience in architecting, evaluating, designing, developing, implementing, supporting distributed web applications using JAVA and J2EE technologies.
- Having good technical experience in Java, J2EE, XML, JDBC, JNDI, Servlet, JSP, EJB, JMS, Java Mail, Tapestry, Struts, iBATIS, MyBatis, Spring, Spring MVC, Spring Boot, Hibernate, Velocity, RESTFUL, Web Service, Web Socket, Microservices, HTML, CSS, JavaScript, AJAX, JSON, AngularJS, jQuery, VueJS, ReactJS, Bootstrap, NodeJS and DOJO framework technologies.
- Competent in OOP Concept,SOLID Principles, Java Design patterns, 12 Factor Architecture Principles and UML diagrams, System Analysis, Database, Design and Object Design.
- Having good technical experience in MS SQL Server, MYSQL, DB2 and Oracle databases, WebLogic, JBoss Glassfish, and Tomcat and Apache Web & Application servers.
- Having good exposure in Ant, Maven, Jenkins, GitHub, SVN, Eclipse, IntelliJ, Kotlin Programming Language, Xamarin Visual Studio and Android Studio.
- Experience in technical project management methodologies – Agile, Scrum & Waterfall.
- Having good exposure in Singapore government applications, Supply Chain Management, Logistics, Hospital & Pharmacy Management, Billing Engine, Content Publish, Personal Retail Internet Banking, Import-Export Customs Permit process, and Telecom 2G, 3G & 4G spectrum.

Education

- Master of Science in Information Technology (M.S-IT), 2000-2002 from Bharadhidasan University, Tamil Nadu, India.
- Bachelor of Science in Physics (B.Sc), 1997-2000 from Bharadhidasan University, Tamil Nadu, India

Technical Social Medium Connectivities

LinkedIn | GitHub | Google Play Console | Twitter | Stackoverflow | My Technical Community Web

Core and Technical Skills

Java/J2ee	Java 8, OpenJDK 12, Servlet 3, JSP2.0, EJB3.1, JDBC3.0, JNDI, JMS, Javamail, Web Service, RESTful, Web Socket, and Microservices.
Frameworks	Struts 1.x, Spring 4.3/5.1, Spring Boot 1.5.6/2.1.6, Hibernate 5.0, iBATIS 2.3, MyBatis 3.5.2, Tapestry 4.0, JQuery 3.4.1, AngularJS, VueJS 2.6.10, ReactJS 16.2.1, AJAX, JSON and DOJO toolkit
Database	Oracle 11g, MS SQL Server 2000, MySQL 8 and SQLite 3
UI Design	HTML5, CSS, JavaScript, Bootstrap 3.3.1, Webjars 2.0
App Servers	Apache Web, WebLogic 10, JBoss 3, Glassfish 2.3 and Tomcat 8 & 9
IDE Tools	Eclipse 2019-09 (4.13), IntelliJ 2017.1.3 and Android Studio 3.2.1

CI & CD	CVS, SVN, Ant, Maven 3.5.0, Jenkins 2.x and GitHub.
Bug Tracking	BugZero, Mercury Quality Center, and JIRA (Atlassian)
Scheduler	Quartz and Autosys
O. S	Windows 10, UNIX, Linux and macOS
Others	Log4j, SLF4J, XML, UML, MS Visio, Rational Rose, Smart Draw, and Liferay 6.2 / 7

New Learning Skills, Technical Knowledge and Understating

Digital & IoT Solutions	Android Studio 3.0, Xamarin, UWP, Google Play Console, Google App Engine, ThingSpeak Cloud, ArduinoUNO, Sensors and Raspberry Pi
Programming Languages	KOTLIN, Swift, Scala, NoSQLDB and BigData-Hadoop
Cultures & Approaches	DevOps and Micro services on AWS
Methodologies	Agile, CI - Continuous Integration, CD - Continuous Delivery, Cloud Computing - Google, SOA, and 12 Factor Architecture Principles.
Application Infrastructure	Security, Scalability, High Availability, Deployments, Logging, Monitoring and Alerting, Docker & Kubernetes Containers

Experience Summary:

Company	Position	Duration
Indecomm Digital Services India	Technical Manager (Full Stack Developer: Java-J2EE)	Aug 2017 - Oct 2019
CTC Global Pte Ltd Singapore	Software Engineer (Full Stack Developer: Java-J2EE)	Jun 2016 - Feb 2017
Tradenet Services Singapore	Java/J2ee Technical Lead	Jul 2013 - Dec 2015
Mahindra Satyam Singapore	Java Team Lead	Jul 2011 - Jun 2013
Y3 Technologies Singapore	Asst. Manager	Oct 2009 - Jul 2011
United Overseas Bank Limited Singapore	Software Consultant	Mar 2008 - Sep 2009
SAVI (Lockheed Martin) Technologies Singapore	Senior Software Engineer	Jul 2007 - Feb 2008
Frontline Technologies Singapore	Software Consultant	Jan 2006 - Jul 2007
National Computer Systems (NCS) Singapore	J2EE Developer	May 2005 - Dec 2005
novaCITYNETS Pvt Ltd Singapore	Analyst Programmer	Nov 2004 - May 2005

PROJECTS

1. Remote Access System / WEB Server Platform (RAWS)

Client	Celliber Technologies - http://www.octasic.com/
Technologies	Java 8, J2EE, Spring 4.3.10, Spring MVC 4.3, Spring Boot 1.5.6, Hibernate 5.0, Velocity 1.7, REST, Web Socket, Log4j & SLF4j, HighChart, Dynamic Jasper Report, Maven 3.5.0, JSON, AJAX, JQuery 3.4.1, ReactJS 16.2.1, SockJS 1.1.2, Bootstrap 3.3.7,

	HTML5, JavaScript, Tomcat App Server 8.5.20, MySql 5 & 8, SQLite3, JIRA and UNIX/Windows.

Roles & Responsibilities

- Designed and evaluated the application architecture of RAWS.
- Prepared technical designs and architecture diagrams.
- Gathered requirements and prepared documents.
- Designed and developed middle tire controllers, services and business layers.
- Designed and developed Web Socket and REST client/server components.
- Designed UI screens using Bootstrap CSS.
- Create, Assign and Track technical tasks of team members.
- Implemented CI and CD using Maven and Jenkins.
- Prepared Test Cases and User Training documents.
- Maintaining project source in SVN.
- Handling technical challenges of the live application environment.
- Providing appropriate technical solutions for customer requirements.
- Integrated and built application to deploy in UAT and PROD servers.

Description

RAWS is a web-based Monitoring Software, designed & developed as a dynamic and quick-response system for remote access and extension to the current Multi-Channel/Multi-Radio (MCH). MCH is another connectivity software engine used to control multiple portable base stations developed in cross-platform C++. The RAWS Monitoring Software will provide each registered end-user with the ability to monitor their own BTS for 2G, 3G & 4G spectrum indications.

The live web socket communications are enabled from RAWS to MCH for each authenticated user. RAWS and MCH communicate with secure HTTPS / WSS protocols and transfer the data in JSON format in a synchronized manner.

RAWS Secure application will enable end-users to create one or multiple field users on the RAWS administration site. Once the users are created, the customer Admin will approve the user and send Authentication Access Token for second level approval. Once the 2nd level approval is granted, such user will be granted authority to communicate with their respective BTS in two different methods. The first method is an online Web Socket optionally provided by RAWS system. The second method is offline Web Socket communication based on 64 characters Authentication Access Token.

RAWS processes and logs all the end user's activities to be reviewed by operations and management as part of the essential audit and tracking purposes. RAWS triggers an email for every major admin and user activities like on successful registration, 2nd level approval of registration, etc.

This RAWS administration platform can be set to generate reports from time to time for usage and business activity purpose.

2. Global Transaction Banking Department (GTBD) Portal

Client	Mizuho Bank, Ltd - www.mizuhobank.com
Technologies	Java, J2EE, Spring 4.1.1, Hibernate 3.6.10, REST, JSON, AJAX, JQuery, AngularJS, Twitter Bootstrap, HTML, JavaScript, Liferay 6.2, Tomcat App Server 8.0, MS SQL Server, 2012 and UNIX/Windows.

Roles & Responsibilities

- Gathered requirements and prepared documents for entire application.
- Prepared technical designs and documents.
- Designed UI screens using AngularJS MVC model and web jar.
- Designed and developed portlets using Spring Web Portlet module.
- Developed custom Liferay Service Builders with JPA and Hibernate API.
- Implemented REST services using Spring REST Template.
- Customized, overridden and intercepted service components of Liferay.
- Create, Assign and Track technical tasks of team developers.
- Implemented CI and CD using Maven and Jenkins.
- Prepared Test Cases and User Training documents.
- Handled technical challenges of live application environment.
- Integrated and built application to deploy in UAT and PROD servers.

Description

Designed & Developed new web portal for Asia Transaction Banking Division, with the primary objective of providing a communication platform for rich & effective promotion of Transaction Banking within Mizuho Bank. The portal will be accessible by users who can connect to Mizuho Global network from approx. 50 country locations and access to the web portal via PC/ VDI/ thin client web browsers.

The content editors and approvers located in Singapore to administer the web portal contents (i.e. approval process to upload & publish contents).

Site structure, CMS Library, Document Library, Approval workflow for contents/ documents uploads, Quick search feature, Out-of-the-box web form builder feature, Out-of-the-box collaboration features like Blogs, Calendars, Message Boards, Wikis, Polls, Announcements, Chat, and Mail.

Liferay 6.2 is an open source and free enterprise portal, which is mainly used to enable corporate extranet and intranet. It is also described as a web application framework or content management framework. It has all the features that a website can offer to its users.

3. DIAS Freight Management System

Client	Denso International Asia (Singapore) Pte Ltd (DIAS)
Technologies	Java, J2EE, DOJO Toolkit, iBATIS 3, REST, JSON, AJAX, JQuery, JasperReports, HTML, JavaScript, CSS, Tomcat App Server 8.0, MS SQL Server, 2012 and UNIX/Windows.

Roles & Responsibilities

- Requirement gathered and documents prepared for Phase II.
- Prepared technical designs and documents.
- Designed database tables and developed scripts for Phase II.
- Designed and Developed UI screens using DOJO framework.
- Designed and Developed backend business modules using iBATIS ORM API and MS SQL database.
- Implemented Year-on-Year comparison of a statistic for current year to the same period of previous years.
- Create, Assign and Track technical tasks of team developers.
- Implemented CI and CD using Maven and Jenkins.
- Integrated and built application to deploy in UAT and PROD servers.
- Application production supports.

Description

Designed & Developed new web based application to allow DIAS to achieve and meet business objective for a more efficient freight bidding and management process for Ocean and Air Freights containers.

Number of management reports are available in this application to track the previous & current year bidding rates for comparison purpose. This improves the business users to plan new strategies for next bidding cycles.

4. TNETS 4.1

Clients	Schenker, Yusen and Nippon Logistics and shippers.
Technologies	Java, J2EE, Web Services, Spring 2.5.5,Hibernate 3.2.6, AJAX, JQuery, AngularJS, JasperReports, HTML, JavaScript, Tomcat App Server 6.0.35, MySQL 5.5 and UNIX/Windows.

Roles & Responsibilities

- Requirement gathering, technical design and document prepared.
- Designed and Developed AED [Advanced Export Declaration] module.
- Designed database tables and developed scripts for AED module.
- Designed and Developed UI screens and middle tier controllers using Spring MVC, JQuery and AngularJS.
- Developed backend business modules using Hibernate API and MySql database.
- Designed and Developed JasperReports for inward/outward modules.
- Written builder and parser for XML files those contains business data.
- Prepared Test Cases and User Training documents.
- Create, Assign and Track technical tasks of team developers.
- Integrated and built application to deploy in UAT and PROD servers.
- Application production supports.

Description

TNETS4.1 is a standard software product to declare Import, Export and Transshipment permits of goods to pursue approval from Singapore customs. Generally the good are being Imported, Exported and Transshipment through AIR, SEA and LAND into Singapore and from Singapore.

5. Integrated Billing & Edusave Collections System (IBENS)

Client	Ministry Of Education Singapore - http://www.moe.gov.sg/
Technologies	Java, J2EE, Web Services, Struts 1.0,Hibernate 2, HTML, CSS, JavaScript, Elixir Reports, GlassFish App Server, Oracle 10g, and UNIX.

Roles & Responsibilities

- Requirement gathered for new enhancements in Billing module.
- Prepared requirement, technical design documents.
- Prepared several impact analysis documents for new enhancements.
- Prepared several lesson learning documents.
- Managed and supported entire Billing Engine processes and activities.
- Prepared business test cases.
- Integrated and built application to deploy in UAT and PROD servers.
- Application production supports.

Description

Integrated Billing & Edusave Collections System (IBENS) is a Billing system for Government & Government Aided schools managing by Ministry of Singapore. Ministry of Education Singapore generates school bills every month and sends to student's address.

6. Extended Integrated Hospital Information System (EIHIS)

Client	Mount Alvernia Hospital - http://www.mtalvernia-hospital.org/
Technologies	Java, J2EE, FAX, HL7, Programming Interface HL7 API, Web Services, Struts, Hibernate, HTML, CSS, JavaScript, Websphere, Oracle 10g and UNIX.

Roles & Responsibilities

- Analyzed new enhancements and requirement gathering.
- Designed and developed a web service interface for data transfer.
- Prepared test cases and User Training documents.
- Integrated and built Application for deployment in UAT and PROD
- Application production supports.

Description

Extended Integrated Hospital Information System-EIHIS is extended from Integrated Hospital Information System-IHIS. This new system-EIHIS will communicate to IHIS by the web service technology. The aim of this new-EHIS system is to send and receive the information among the different departments in the hospital such Finance, Health Screening, Laboratory, Baby Delivery Suite, Administration, Nursing and Operations.

7. Personal Internet Banking - http://www.uobgroup.com/

Client	United Overseas Bank Limited
Technologies	Java, J2EE, Web Services, Struts, Spring, Hibernate, HTML, JavaScript, Weblogic, MQ server, Oracle 10g and UNIX.

Roles & Responsibilities

- Involved in requirement gathering and technical design documents.
- Involved in new database Analysis & Design for revamp personal internet banking project.
- Migrating data from old database to new database.
- Preparing UAT & Production test cases.
- Application deployment UAT & Production.
- Batch jobs scheduling & monitoring
- Document preparation & Production support.

Description

Personal internet banking is a channel for saving & current account holders of united overseas bank. This channel provides functionalities to personalize the account, to view account summary, to view transaction history, to perform fund transfer, to pay credit card and other bill payments and remittance, investment services.

8. Savi SmartChain® Applications

Client	Department of Defense (United States of America)
Technologies	Java, Servlet, JSP, EJB, JMS, Java Mail, Web Services, Struts, Hibernate, Velocity, HTML, JavaScript, JBoss, WebLogic, Websphere, Oracle and UNIX.

Roles & Responsibilities

- Involved in the release version 5.0
- Developed both web & business components for the applications
- Fixed defects in SIT, UAT and Production.
- Refactoring in web components like Servlet, JSP & Struts actions.
- Enhancement in Business components like Business Engine, Query Builder & Report Engine.

Description

Smart Chain's full-featured applications enable visibility, management and security of supply chain assets and their contents in the supply chain for department of defense (United States of America).

9. Asia One Portal Migration - http://www.asiaone.com.sg

Client	Singapore Press Holdings Ltd (**SPH**) - http://www.sph.com.sg
Technologies	Java, Servlet, Java Mail, Velocity, HTML, JavaScript, Websphere, DB2 database, UNIX and Vignette Portal.

Roles & Responsibilities

- Developed velocity web components and common utility APIs.
- Developed Business components using Java and J2EE design patterns.
- Designed news Sites, news Channels, news Contents using vignette.
- Implemented J2EE Declarative/Custom security using EJB and Servlet filters.
- Involved in UAT and PROD test cases and Managed data migration.
- Knowledge transfer to user (content providers).

Description

Asia One portal is one of the leading news, business and lifestyle port. The readers have a variety of news sources from Singapore Press Holdings' entire suite of newspapers. The site also caters for verticals such as motoring, technology, health, just woman and other lifestyle topics.

10. Fraud Alert Management System (FAMS)

Client	Visa International Service Association **– VISA**
Technologies	Java, JSP, EJB, Struts, HTML, JavaScript, RAD, Web Sphere, MS SQL Server and UNIX.

Roles & Responsibilities

- Designed and developed web pages using CSS and HTML.
- Developed View, Controller, JSTL components in struts.
- Developed necessary SQLs Business components.

Description

The developed new FAMS system is a web based application capable of providing VISA members an easy and secure way of accessing the relevant information upon receiving an email notification of compromised accounts. FAMS system has been implemented in the current **VOL** infrastructure [Visa OnLine] to leverage on the **SSO** [Single

Sign On] capability and three-tier firewall architecture. And this FAMS has been integrated with the current **SSDS** [Security Support Database System] system for data synchronization.

11. Integrated Submission Processing System (ISPS)

Client	Building & Construction Authority of Singapore – **BCA.**
Technologies	Java, Servlets, JSP, EJB, Struts, Spring 2, HTML, JavaScript, WebLogic, Oracle and UNIX.

Roles & Responsibilities

- Developed Plan Approval and XML Processing engine
- Developed common utilities and Writing batch programs for workflow.
- Developed Word Merger and Document generator.

Description

ISPS is a workflow system, designed for BCA. It's easy to use web interfaces optimizes the work and streamlines the entire BCA workflow. This System receives all the documents electronically for processing and notifies the outcome. The process of building plan submission by registered qualified persons and approval procedure by BCA is automated in ISPS.