Rini Thomas
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CAREER OBJECTIVE

A challenging career in the analytical and technical field, to set new standards of performance by following a methodical approach for the work assigned and work on innovation and contribute towards the achievement of organizational goals.

EXPERIENCE SUMMARY

- **6 Years** of relevant experience in Web & Enterprise Applications development using **JAVA J2EE** and front end technologies like (Angular).
- Currently working at **Wolters Kluwer Financial Services Pvt. Ltd.** in the CIOX (Customer Insights and Operational Excellence) team as a full stack Engineer from 18th November 2018 till date.
- Strong Experience in **Java 8, SpringBoot, Multithreading, Concurrency API, Angular and Design Patterns.**
- Currently work on AI augmented solutions and involved in creation of workbenches and data engineering pipelines, along with building POCs.
- Good planning, organizing and interpersonal skills. Ability to work collaboratively with team members to achieve business goals and good communication skills.
- Self-starter, quick learner, ability to handle multiple concurrent assignments with tight deadlines.
- Constantly involved in learning new technologies and coming up with solutions to solve complex problems.
- Good debugging skills and involved in solving production issues.

TECHNICAL SKILLS

Programing Language	**: Java 8, JavaScript, TypeScript**
Web Technologies	**: Angular 8, HTML 5, JavaScript**
Cloud Technologies	**: Docker, Kubernetes, AWS**
Frameworks	**: Microservices,Spring DATA JPA, Spring Boot ,Multi Tenancy**
Databases	**: MSSQL, MySql, Apache Solr**
Tools	**: Eclipse, MSSQL Management Studio, Oracle SQL Developer**
Servers	**: Jetty, Tomcat**
Domain Experience	**: Finance and Insurance (Accenture)** **Telecom (Harman)** **Governance Risk & Compliance (Wolters Kluwer)**

EDUCATIONAL QUALIFICATION

Exam	Year	Board/University	Percentage
B.Tech.(EEE)	2014	Karunya Institute of Technology & Sciences	79.6%
12th	2010	CBSE	86%
10th	2008	CBSE	93.2%

PROJECT EXPERIENCE

Organization	**WOLTERS KLUWER FINANCIAL SERVICES PVT.LTD**
Designation	Data Scientist II
Role:	Full Stack Developer (Data Engineer)
Product	**One Sum Proviso**
Duration	October 2019-till Date
Description	• OneSumX® ProViso, is an AI-based solution that leverages Wolters Kluwer regulatory expertise, content and technology to help financial institutions develop, maintain and prove compliance with their legal obligations to U.S. federal and state regulators. The offering was developed for larger institutions operating across multiple jurisdictions and thus challenged with managing the massive volume, breadth and scope of ongoing regulatory changes impacting their businesses.
	• It uses Wolters Kluwer's regulatory change data feed—a comprehensive, legal library of state and federal citations and requirements—and logically analyzes, groups and clusters relevant legal requirements across multiple jurisdictions. This functionality streamlines a financial institution's process for creating and managing a rationalized set of legal requirements.
	• I have been involved as one of the key developers in the development of this work bench as a front end and a back end engineer the development of which started in October 2019.
	• The technologies used in developing this product is Spring Boot, Rest API as backend and Angular 8 as the front end technology. Solr is used to store documents and MS SQL server for database. The process of tagging various laws is done through Stanford Core NLP package.
	• I have also independently developed a workbench called **Tagging Workbench** which is used to pre-validate the laws with the json rules created by the legal team using Stanford NLP package .
Technologies	Java 8, Angular 8, Spring Boot REST, MS SQL, Microservices, Multithreading , Spring Security(JWT), Spring Cloud, Docker, Concurrency API, Apache Solr, Stanford Core NLP Java package.
	Tools: Jira, Azure GIT, Maven
	Database: MS SQL, Apache Solr

Responsibilities	• Web Application development using Angular 8. • Developed business API and services using Spring Boot & REST • Implemented Microservice Architecture for the tagging workbench • Improve product scalability, by reducing objects memory footprint. • Worked on three of the sections of the product independently (UI to backend (Requirement Section, Cluster Section, Binder Section) from the nascent stage of the product.

Product	**Content Monitoring Work Bench**
Duration	November 2018-August 2019
Description	• Content Monitoring WorkBench is basically a tool used to monitoring the various regulatory URLS which keep on changing. This workbench helps the regulators to get notification for any change in the document, pdf or new link in the regulatory website across all the jurisdictions of United Stated of America, This workbench is a combination of 4 utilities • URL Health Check • Doc Text Comparator • PDF Comparator • New Links • This tool has various schedulers which monitors the URLS stored in the databases, facilitates addition, deletion ,modification of URLS, It sends notification for any change in URLS, content of the website, changes in PDFs' through a notification on a daily basis.
Technologies	Java 8, Angular 8, Spring Boot REST, MS SQL, Microservices, Multithreading , Spring Security(JWT), Spring Cloud, Docker, Concurrency API,JPA
Responsibilities	• Mentoring team member and doing code reviews. • Actively involved in sprint planning and customer escalation handling. • Web Application development using Angular 8. • Developed business API and services using Spring Boot. • Implemented Microservice Architecture for the tagging workbench • Improve product scalability, by performing memory optimization.

Product	**Service Process Sniffer**
Duration	June 2019-August 2019

Description	• SOP Sniffer is a product which comprises of multiple schedulers which extract data from various sources (Primary Data Source). In the US if a lawsuit is filed its done through a registered agent. • The details of this law suit are filled manually in a tool called Arrow and then migrated to DB(Oracle).Since they are manually filled there are chances of human error .Sop sniffer extracts data from the primary data source through pipelines (jobs created based on rules created by the legal team) and further validation is also done on the data pipeline created using machine learning by the core data science team. • This document of lawsuit is stored in S3(Aws) and is converted to text from pdf using the pdf processor functionality sop sniffer which processes about 20000+ pdfs on a daily basis.
Technologies	Java 8, Spring Boot REST, MS SQL, Multithreading (Fork Join Pool), Concurrency API, Apache Solr, Stanford Core NLP Java package.
Responsibilities	• Developed the core business API and services(pipelines) using Spring Boot for the product • Coordinated with junior team member and creation of pipelines of rules which needed to be implemented to rectify the errors. • Developed the pdf processor part of the application and extensively used multi-threading (parallelism) to ensure memory optimization and performance. • Fixed latency issues to get the data and sync the flow of data to improve the performance of the system.

Other Projects :
- (CIOX Expert) -An internal portal like LinkedIn where the employees of Wolters Kluwer can show the list of skills, add, modify it.
- Motor Lien Vehicle: Developed the POC for this project

Organization	**HARMAN CONNECTED SERVICES PVT.LTD**
Designation	Senior. Engineer(Product Development)
Product	NGWFMT(Next Generation's Work flow Management Tool) for British Telecom
Duration	July 2017 – November 2018

Project Description:

- **NGWFMT**(Next Generation Work flow Management tool) is an orchestration tool used by British Telecom to manage various workflows in the laying of fiber to creation of estimates to purchase of fiber connections in an automated fashion

- There are various workflows in this product. I was involved in the automation of various workflows like
- automation of Estimate Creation, SOD Automation.
- I also worked on a story for implementation workflow creation for commercial users.
- I also was involved developing the dashboard landing page of the product which showed all the data of the number of jobs created, estimates done etc.
- I was also involved in a TIBCO transformation product which involved BT transitioning some of its workflows which used TIBCO to NGWFMT.

Technologies	Java, Angular JS 1.2, REST, Hibernate JPA, Spring MVC, Geta-fix,Oracle DataBase
Responsibilities	• Web Application development using Angular JS 1.2 • Developed business components using Spring REST and Geta Fix • Involved in coordinating and guiding Junior team members • Training team members in UI debugging. Played major role estimate automation stories got **BE BRILLIANT** recognition for the same.

Organization	**Accenture Solutions Private LTD.**
Designation	Application Development Analyst
Client	TRYG Freya
Duration	November 2014 – June 2017
Description	• Worked for Web Portal Development called Net Insurance. Its a portal for purchasing various insurance products and I was involved in the development of products like housing insurance, home content insurance, auto insurance .Also worked for meeting booker system which was used by Tryg as well as Nordea bank for booking meetings . Was also involved in a project called Customer Universe which involved working on a backdoor application called SOA guard used to connect 3 of the applications of Tryg using SAML token. Was involved implementation of SAML. Also worked on various enhancements for TRYG Norway one of which was a UI Project using jquery mobile and SDL Tridion to redesign the landing page for tryg.no and m.tryg.no.
Technologies	Java 7, SDL Tridion, Struts 2.1, Spring MVC 3.0, SOAP, Rest, Jquery Mobile, JavaScript, IBM Lotus Notes

Responsibilities	
	- Web Application development using Struts 2.1, Unit testing, Bug Fixing
	- Web Development using Spring MVC for meeting booker module
	- Developed business components and configured as beans using Spring DI.
	- Involved in mentoring newly joined colleagues.
	- Involved in various major enhancements for Netinsurance ,debugging major issues.
	- Involved in making build for production deployment and coordinating with the deployment to ensure smooth release.
	- Giving KT to junior team member to handle production issues and fix them.
	- Work with multiple teams for projects involving multiple technologies and interfaces.

CERTIFICATION

BEC Certified(Cambridge Busines English Vantage)
Pursued multiple certifications and coursed on LinkedIn and Udemy on latest technologies to update myself
LinkedIn Link: https://in.linkedin.com/public-profile/in/rinithomas24
AINS 21 certified(cleared exam with 80% while working for the insurance domain.

INTERESTS

Reading about latest technologies currently doing courses on reactive programming with Spring Boot.
Passionate towards learning big data technologies and data engineering.
Running marathons,
Playing keyboard

PERSONAL PROFILE

Father's Name	:	Late. Mr. Thomas John	
• Date of Birth	:	24 May 1992	
• Gender	:	Female	
• Languages Known	:	English, Hindi, Malayalam	
• Nationality	:	Indian	

I hereby declare that the information furnished above is true to the best of my knowledge.

Rini Thomas