

SANDHYA VALAPDASI

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Summary

Total 12+ years of IT industry experience in design, development, enhancement and implementation of Web applications and Webservices using Java, J2EE, Spring boot, Microservices, Angular, Spring JPA/Hibernate, JDBC, HTML, Asp.Net, Webservices, JavaScript.

Professional Experience

- Well versed with Full stack development on various application built on Java, J2EE, Angular, **Spring Boot**, **Microservices**, Web Services (SOAP /RESTful).
 - Designed and developed Payment service integration using Encryption built as **Restful/SOAP** Webservices with JSON/XML.
 - Implemented dynamic screens using **Kendo UI** and **jQuery** for wide range of widgets, such as Grids, Charts, Dropdowns, and more.
 - Experienced in developing and designing **Webservices** and testing using plugin's **SOAP UI**, **Postman**.
 - Experienced in developing UI using **Angular**, HTML, **Bootstrap** and integrating Restful API's.
 - Experience in Eclipse, **GIT**, **Maven**, Oracle SQL Developer, XML spy.
 - Involved in creation of web services, web methods with Annotation in **Hibernate**.
 - Working on **Agile** Methodology (scrum model), aware of all sorts of agile ceremonies (user story grooming, sprint planning, sprint retrospective).
 - In depth understanding and exposure to all phases of Object-Oriented Design and Development.
 - Sound understanding of popular browsers development and debugging tools/plugins for IE tester, Chrome Inspector and Firebug.
 - Have expert analytical skills combined with **Property & Casualty** Insurance domain knowledge.
 - Worked extensively with the onsite – offshore model and managed technical challenges.
 - Efficient Team Leader & Player, combining communication, interpersonal & problem-solving skills with analytical, decision making and leadership capabilities to enhance organizational objectives.
 - Proficient in identifying the trends of Production issues and resolved those with quick fixes, which received Client appreciation for reducing incident count.
 - Working on user stories/issue log in **JIRA** app on identifying the issue in application with the Production incident and communicating with the Agents to include additional information for the user story.
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EXPERIENCE:

- Working as Java Full Stack Developer at SR Systems LLC, Dallas, Texas from June 2024 to till date
- Worked as Full Stack Developer at NISH Technologies, Brussels, Belgium from Feb 2022 to May 2024.
- Worked as Software development senior specialist in NTT Data Global Delivery Services, Hyderabad from Sep 2011 to Jan 2022.

ACADEMICS

- Bachelors of Technology (Information Technology), Shreemati Nathibai Damodar Thackersey Women's University, Mumbai.

TRAININGS/ CERTIFICATIONS

- BA LMS certification Level 1 and 2
- PME
- Agile Methodology
- P&C Insurance domain (NTT LMS)
- ITIL Foundation

SKILLS:

Elements	Particulars
Primary Skills	Project Development, Incident Management, Client interaction, Design & Architecture, Development and Delivery lead.
Primary Technical Skills	JAVA, Spring Boot, Microservices. Webservices (REST /SOAP), Angular, Bootstrap, XML/XSL, HTML5, Java Script, AJAX
Languages	JAVA, .NET, C#
Databases	SQL, DB2, Oracle
Domain Knowledge	Insurance, Banking
Tools	Eclipse, GIT, Maven, JIRA, SQL Developer, SOAPUI and HP Quality Centre

Projects:

- ♦ **Organization:** NISH Tech SRL
- Client:** European Commission, Belgium
- Project:** EURAMIS
- Role:** Java Full Stack Developer
- Duration:** Mar 2023 – May 2024

Description: Euramis is a system of databases or memories (and associated tools) fed by the various institutions jointly (Legis-Process) or individually. It acts as a multilingual, multidirectional repository of clearly labelled equivalent phrases ("segments") belonging to official EU documents allowing their re-use in translation in all European Institutions.

Responsibilities:

- Develop, test, and maintain server-side logic using **Java** and **Spring boot** framework.
- Modified the existing API as per the requirement to fetch data from the new **Elasticsearch** server.
- Used **Angular**, **Bootstrap** front-end framework with the Elasticsearch as a backend for search feature implementation.
- Involved to construct dynamic and user-friendly search screen with different UI libraries.
- Worked on **Agile** methodology using **JIRA** tool involved in different ceremonies.
- Implemented various script in python to evaluate the performance of the new search engines.
- Understand business requirements, partnering with global stakeholders, offering solutions from design, development, testing and deployment to UAT and production.
- Communicate and interact with Business Analysts (BAs) for clarifications and work closely with Quality Analyst.
- Understanding the existing architectural document and updating based on the requirement changes.
- Collaborate with peers and team members to build quality applications.

Environment:

Java 1.8, J2EE, ElasticSearch, Webservices (REST /SOAP), Python, Angular, HTML, JavaScript, WebLogic, Oracle, Bamboo, Maven, GitHub, Jira.

♦ **Organization:** NISH Tech SRL
Client: European External Action Service (EEAS), Belgium
Project: LA-Medical, eTIM
Role: Java Full Stack Developer
Duration: Feb 2022 – Jan 2023

Description: **LA-Medical** is an application where Local agent can go for the reimbursement of the medical bills and treatments. **eTIM** is the Time Management System for the local staff in delegation. It enables Local Agents to encode their working time and absences, as well as administrative staff to follow up and manage timesheets, holidays approval.

Role:

- Worked as Java Full Stack Developer.
- Analysis, Design & Development using Spring Boot, JPA/ Hibernate.
- Implemented **AOP, Filters (Generic Filter)** in Rest services for security validations.
- Modified the existing Web Services as per the requirement documents.
- Used **Kendo UI, Bootstrap** front-end framework for faster and easier web development with MySQL database as the backend.
- Modified the existing Web Services as per the requirement documents.
- Working on story refinement and developing, writing unit test cases by using **Mockito** framework in Agile approach.
- Involved in bug fixes of **Kendo UI** which is a front-end technology.
- Worked on **Agile** methodology using **JIRA** tool involved in different ceremonies.
- Understand business requirements, partnering with global stakeholders, offering solutions from design, development, testing and deployment to UAT and production.
- Communicate and interact with Business Analysts (BAs) for clarifications and work closely with Quality Analyst.
- Understanding the existing architectural document and updating based on the requirement changes.
- Collaborate with peers and team members to build quality applications.

Environment:

Java 1.8, J2EE, Spring MVC, Spring Boot, Webservices (REST /SOAP), Kendo UI, HTML, JavaScript, WebLogic, Oracle, Bamboo, Maven, GitHub, Jira.

♦ **Organization:** NTT Data Global delivery Services
Client: Hanover Insurance
Project: TAP Application
Role: Lead Java Developer
Duration: Aug 2020 – Jan 2022

Description: **TAP** is 'The Agency Place' used by Agent in Hanover Insurance Group to get the information online for Policy Inquiry, Billing Inquiry, Claims Inquiry, Commissions Inquiry. Along with the above it Report generation, Find a contractor or an agent. With the recent Implementation the agents can perform Quick Policy search, Quick Claim search and Activity Reporting.

Role:

- Responsible for developing the UI functionalities using **Angular**, HTML5, CSS3, JavaScript, and Bootstrap.
- Converted a monolithic app to microservices architecture using **Spring Boot**.
- Involved in Implementation of documents Assistant functionality with frontend in **Angular 6** and storing the documents in **Content Management**.
- Used **Bootstrap** front-end framework for faster and easier web development with MySQL database as the backend.
- Experience integrating **RESTful** services (API's). Used **JSON** for data transfer between front end and back end, used SQL Queries to interact with Oracle database.

- Implemented and Email and Routing functionality Documented BRD and Test scenario's, reviewed test cases and resolved queries raised by developers/ testers.
- Worked on **Agile** methodology using **JIRA** tool involved in different ceremonies.
- Reviewed test cases and highlighted areas and scenarios missed in the test scripts.
- Git is used as a version control tool and Jenkins is used for continuous integration of builds

Environment:

Java, J2EE, Spring MVC, Spring Boot, Webservices (REST /SOAP), jQuery, Angular, AJAX, Tomcat, JSR 168 Portlet, Websphere, Maven, Jenkins, GitHub, Jira.

♦ **Organization:** **NTT Data Global delivery Services**
Client: **Hanover Insurance, USA**
Project: **Recurring EFT Migration**
Role: **Java Developer**
Duration: **April 2019 – Aug 2020**

Description: The Project would deal with migrating EFT (Electronic Fund Transfer) details from POS CL to Third Party system (Paymentus). This makes Paymentus System of Record (SOR) for EFT details. The third Party which is hosted in cloud, will provide the actual URL to be Used in the POS Application. The EFT details will be shared back to POS with a secure Token_id for that particular transaction.

Role:

- Analysis, Design & Development of **Microservices** using **Spring Boot (REST /SOAP), Spring Security, AOP.**
- SSO Token generation which will be used for **Encryption** and Webservices invocation.
- Implemented **Microservice** using spring boot for the **Paymentus** interaction and the response to be parsed to the Application database.
- Integrated Payment service UI with **Angular.**
- Developed Wireframes for Point of sale and Tapsales application to establish Third-party UI after validation.
- Used **AJAX, JSON** to send request to the Third-party and for storing and exchanging information between browsers and servers.
- Involved in bug fixes related to **Angular** modules.
- Worked on creating Flow diagrams for new webservice call (SOAP request) for retrieving Wallet items related to the end user's wallet entries.
- Utilized Agile Methodologies (Scrum) to manage full life-cycle development of the project.
- Involved QA Support Activities – Involves defect analysis & resolutions

Environment:

Java, J2EE, Microservices, Spring Boot, Microservices, Angular, Third-Party Algorithm encryption, WCM, Maven, Jenkins, GitHub, UrbanCode.

♦ **Organization:** **NTT Data Global delivery Services**
Client: **Hanover Insurance, USA**
Project: **Tap Sales**
Role: **Java Developer**
Duration: **Sept 2017 – March 2019**

Description: TAP Sales is a web-based application which is developed on AgencyPort. Agencyport Web-based platform allowing P&C insurance carriers to execute key business transactions quickly and easily with their agents, brokers, customers and policy holders.

The initial target for the system is to provide a user interface for creating policies for the below mentioned lines. Personal Line Policies.

The backend of Agency Portal is written in Java and the front-end is standard web technology, including HTML, CSS and AngularJS. The Agency Portal framework is a Java based solution using XML, servlet and spring technologies running in a JEE application server.

Role:

- Prepare Java/J2EE development structure for Eclipse, Maven.

- Created **Typescript** reusable components and services to consume **REST** API's using Component-based architecture.
- Used Spring Framework as middle tier application framework, persistence strategy using spring support for **Hibernate** for integrating with database.
- Involved in bug fixes of HTML & Angular applications.
- Interaction with Product owners (POs) for clarifications on business rules and communicating to Agents with user understandable information.
- Extensively used Debugging JavaScript using Chrome developer Toolbar, Firebug.
- Involved in creation of web services, web methods with Annotation in hibernate, Used the spring container for data source and to load the Hibernate specific classes.
- Worked on sprints in a scrum team as a part of development team for Tap Sales application.
- Participate in peer review activities.
- Used **JIRA** for bug tracking. **Git** is used as a version control tool and **Jenkins** is used for continuous integration of builds.

Environment:

Java, J2EE, JSP, Servlets, spring, Hibernate XML, SolrCloud, ZooKeeper, jQuery, AJAX, Webservices (REST /SOAP), Hibernate, jQuery, Jenkins, GitHub.

♦ **Organization:** NTT Data Global delivery Services
Client: Hanover Insurance, USA
Project: POS Browser compatibility project
Role: Full Stack Developer
Duration: Dec 2015 – Sept 2017

Description: Upgradation on Point of Sale (POS) system so that the application runs on EDGE and IE11 browsers since the application was compatible till IE11 in Enterprise mode. There was a need for the application to run on the latest browser, EDGE being default browser in windows 10 operating system it was required to upgrade the application to continue Hanover business work smoothly.

Role:

- Worked as a Project lead and Tech lead for Project.
- Involved in Estimation, Analysis, design (Tech Specs), Coding and Testing.
- Research and analysis on new syntax with the system architect.
- Maintaining RTM and providing status reports with the onsite Project manager.
- Performing defect monitoring and tracking of fixes and enhancements of the applications using HP-Quality Control.
- Extensively used Debugging JavaScript using Chrome developer Toolbar, Firebug.
- Mentoring and Monitoring team members on regular basis.
- Generating weekly and monthly reports and summary statistics of the performance of the module

Environment:

Java, J2EE, XML, JavaScript, jQuery, AJAX, Webservices (REST /SOAP), jQuery, GitHub.

♦ **Organization:** NTT Data Global delivery Services
Client: Hanover Insurance, USA
Project: Hanover RISK Baseline – Point of Sale
Role: Java Developer
Duration: Sept 2011 – Jul 2015

Description: POS is a web-based application which is developed based on the existing Mainframe system. The initial target for the POS system is to provide a user interface for creating policies for Personal lines and commercial lines.

Personal Lines:

- Personal Auto Policy (PAP)
- Home Owners Policy (HOP)

Commercial Lines:

- Commercial Auto Policy (CAP)
- Business Owners Policy (BOP)

- Workers Compensation Policy (WCP)

Role:

- Single point of contact for all requirements analysis, issues / clarifications and responsible for enhancement and correction of the application from development to the production.
- Analysis of the production issues and preparation of Root cause analysis (RCA) document to be shared to the Project Team.
- Communicate and interact with Business Analysts (BAs) for clarifications and work closely with Quality Analyst.
- Sound understanding of Object-Oriented Programming (OOP) and capable of implementing OOP in JavaScript.
- Provided quick fixes for urgent production issues to avoid downtime the cause by the application code.

Environment:

Java, J2EE, XML, JavaScript, jQuery, AJAX, Webservices (REST /SOAP), jQuery, SVN.

PERSONAL INFORMATION

GENDER:	Female
Marital Status:	Married
Passport:	Available