**Professional Summary:**

* IT professional with over 17+years of hands-on experience in analyzing, designing, developing, implementing, and supporting Enterprise Java Applications. A dynamic and motivated team player, I bring exceptional communication, analytical, and problem-solving skills to every project. Known for mentoring junior developers, I've successfully guided teams in creating microservices.

**Key Competencies:**

* **Java Development:** Extensive expertise in Java/J2EE, with proficiency in frameworks such as Spring, Spring Boot, Spring MVC, and Struts. Proven track record in developing microservices using Jersey and Spring Boot.
* **Front-End Development:** Considerable experience crafting UI screens from scratch using a diverse tech stack, including HTML5, CSS3, jQuery, JavaScript, Thyme Leaf, ReactJs, Redux, Nodejs, JSP, BootStrap, Ajax, JSON, XSD, XSTL, Adobe Flex, Tiles, and Tag Libraries.
* **Database Management:** Proficient in managing various RDBMS such as DB2, Oracle, MySQL, PostgreSQL, and NoSQL databases like MongoDB. Expert in designing data models using iBATIS, myBatis, Hibernate JPA, and Spring Data JPA.
* **DevOps and CI/CD:** Skilled in CI/CD pipelines with Jenkins, OpenShift, Docker, Kubernetes, and Cloud bees Electric Flow. Well-versed in source control tools like Git, GitHub, SourceSafe, Subversion (SVN), and CVS.
* **Testing and Quality Assurance:** Implemented robust unit testing using JUnit, Mockito, and PowerMock. Proficient in automation testing with Selenium. In-depth knowledge of SonarQube, Jacoco, Blackduck, SAST, and Twistlock for maintaining code quality and addressing vulnerabilities.
* **Cloud Platforms:** Experience with Azure and familiar with GCP, and AWS cloud platforms.
* **Monitoring and Tuning:** Proficient in utilizing Splunk and Dynatrace/AppDynamics for monitoring and fine-tuning microservices to achieve optimal response times and memory configurations.
* **Project Management Tools:** Experienced with Jira, Rally, and Confluence.
* **Training and Support:** Skilled in providing user support and conducting training sessions for end-users to maximize efficiency with developed applications.
* Hands on expertise in developing applications in a single page application (SPAs) using various JavaScript frameworks like SAAS, AngularJS, Node.JS, BackboneJS, KnockoutJS, Marionette, React.JS, DustJS, ExpressJS.
* Experience in User Experience (UX) design and development, User Interactive (UI) Web Pages and visually appealing User Interfaces using HTML 5, CSS3, Bootstrap, SASS, JavaScript, JQuery, Vue.js, Angular.js, Angular 2/4, Typescript, Node.js and React.js.
* Proficient in integrating Workday and eTime systems into Java-based applications

**Educational Details:**

* Master’s in electrical and computer engineering (GPA:3.66) University of Alabama at Birmingham, AL
* Specialization: Software Engineering
* Published Paper: A Web-based Interactive Student Advising System using Java Frameworks (Spring and Hibernate)

V.R. Naini, R.S. Sadasivam and M. M. Tanik (Southeast Conference 2008)

**Professional Experience:**

**Client: Express Scripts, Dallas, TX June 2022 – Present**

**Role: Lead Java Developer**

**Responsibilities:**

* Contributed to configuring, developing, implementing, and supporting various campaigns in the **communication** **platform** team.
* Developed micro services architecture applications using Spring Boot platform using Agile.
* methodology with Test Driven Development TDD from scratch.
* Created classes with Core Java concepts Java Reflections, Serialization, Collections, Multithreading and Exceptional Handling.
* Developing APIs to support AngularJS UI migration, and XSDs to build web service data.
* Developed using stereotype annotations of Spring Boot like Rest Controller, Request Mapping.
* Created and published REST based web services using OpenShift.
* Integrated services with OAuth 2.0 factor for secured delegated access to the client.
* Developed backbone of applications using MongoDB document-oriented database to store data and implemented database transactions using Spring Mongo Template.
* Developed Spring Batch application to process and load millions of transactions to MongoDB.
* Implemented Kafka Producer and Consumer applications to transmit data to different processes in the campaign processing.
* Extensively used React-Router techniques Axios service to retrieve data from server synchronously.
* Created tasks for updating tsconfig tracked files based on glob, tslinting, and compiling typescript files.
* Developed CI/CD system with Jenkins’s environment, utilized for the runtime environment for the CI/CD system to build, Test and Deploy.
* Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Developed single page applications using Angular 2, Vue.js, Typescript, web pack and grunt.
* Involved in implementing various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Web application development using Angular with cutting edge HTML5 and CSS3.
* Developed unit test cases using JUnit powered with Mockito and Power mock.
* Build Restful API web services using Node JS and Express JS and used a full complement of Express, Angular JS, Node. js, and Mongo DB to store and present assessments.
* Designed the front-end screens using React JS, HTML5, CSS3, JavaScript, jQuery, Bootstrap and Spring Boot.
* Implemented RESTful APIs to communicate with Workday/eTime APIs for data retrieval and updates.
* Build highly available content distribution sites by using CI/CD tools like Chef, Ansible, Docker, Maven, Jenkins, Jira, Kubernetes etc.
* Developed the online web application using HTML/CSS & JavaScript, Angular.js /Angular4/5, Vue.js, Node.js, Spring Boot, Spring MVN and Bootstrap.
* Configured and maintained Workday/eTime connectors for seamless integration with the pay reconciliation system.
* Integrated the different pages to be a single page application using Angular 4 and Typescript.
* Developed logging module using Log4J to create log files to debug as well as trace application.
* Deployed applications on Pivotal Cloud Foundry, OpenShift and new Cloudbees orchestrator.
* Created dashboards on splunk for continuous monitoring of applications.
* Generated reports for continuous monitoring of the campaign outreaches from the data available on MongoDB and Oracle DB

**Environment:** Java, J2EE, SpringBoot, Spring Batch, JQuery, Rest Easy, GitHub,

OAuth 2.0, MongoDB, Kafka, Junit, Mockito, Power mock, Log4J, OpenShift, Newrelic, Splunk, Grafana Pivotal CloudFoundry, JSON, TDD, Agile.

**Client: Edward Jones St. Louis, Missouri Jan 2013 – June 2022**

**Role: Sr Java Developer**

**Multiple projects**: Client Discover & Goals, Financial Statements, Statements, Tax, Portfolio, Rebalancer, Client Goals Center (CGC) Projects, Tax Doc Retention, Statement Doc Retention etc.

These applications are most widely used by Financial Advisors (FA) at Edward Jones. They help the FA and BOAs at branches to meet the clients' expectations by giving branches a snapshot of the client's portfolio, financial situation, progress toward goals, and attitudes about risk right at their fingertips. These applications will also introduce a more intuitive Goals Workflow and an easier way for branches to enter their clients outside assets.

**Responsibilities:**

* Involved in all phases of SDLC (Software Development Life Cycle).
* Developed new web services for the SEC and the Manual resource projects.
* Developed over 12 restful microservices using Spring Boot for the Financial Statements effort to provide Net Worth and Cash Flow details of a customer account like assets/liabilities/contributions/spending/ incomes etc.
* Developed microservice to consume external Yodlee API to retrieve updated outside assets of Client’s account.
* Worked with the configured and maintained Jenkins to implement the CI/CD process.
* Used Amazon Web Services (Amazon EC2, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, and AWS Identity).
* Developed Agent Portal with HTML5, CSS, LESS, JSON, AJAX and React JS for developing user interface and server-side technology with Node.JS.
* Developed Jersey rest services and later converted them to Spring rest services for Statements and Tax efforts.
* Created Directives, Services, Filters using Angular JS with Typescript.
* Deployed frontend application using AWS S3 and configured CORS to consume RESTful services from another domain.
* Developed the UI Screens for Financial Statements, Portfolio, Rebalancer and CGC using JSP, JSTL, jQuery, AJAX, CSS, High charts, JavaScript, Thyme leaf, AngularJS and ReactJS, Redux and NodeJS.
* Provided support for troubleshooting and resolving issues related to Workday/eTime integration.
* Collaborated with stakeholders to understand business requirements and translate them into Workday/eTime integration solutions.
* Developing Web Pages by using HTML5, CSS3, jQuery, JavaScript and working knowledge of Angular 2, bootstrap.js, Vue.js and React.js
* Used React-Router techniques Axios service to retrieve data from server synchronously.
* Implemented Angular 4.0 directives, expressions, routing capabilities for bookmarking, filters validations and Angular UI components, Components, ng-Modules, Providers, Services and classes for navigation respectively.
* Worked with Angular CLI and Typescript in Angular 4.0 to create Controllers and Angular components for the Web Pages.
* Build highly available content distribution sites by using CI/CD tools like Chef, Ansible, Docker, Maven, Jenkins, Jira, Kubernetes etc.
* Collected Data from AWS S3 bucket Sync clone with GitHub to build the flexible working Environment.
* Extensive usage of Node.JS in implementing the server-side build deploys automation and building DEVOPS process from TFS.
* Used HTML5, CSS3, Vue.js and also the internal framework components to build the presentation layer for the application
* Designed and developed Microservices business components using Spring Boot
* Optimized performance is achieved by Angular 4 Lazy Loading.
* Developed Kafka Consumers and Producers to read and write messages to the Topic and Insert/update/delete the MongoDB records.
* Developed most of the Portfolio and CGC PDF reports for printing using JClass, Free marker, iText, XML and XSLT.
* Created CI/CD Jenkins Pipeline for the Count Project to automate the testing process of generating the records.
* Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon web Services (AWS).
* Designed and developed the archival process of the PDF reports and e-signature documents to Stellent (ECM) for Tax and Statements efforts.
* Created Splunk and Dynatrace dashboards for monitoring and adding alerts for rest services.
* Developed EJB 2.1/3.0 services along with MDB, JMS, CTG calls and iBatis data persistence.
* Implemented Unit testing using JUNIT.
* Developed automation scripts for UI screens using Selenium for tax effort.
* Built Linux RPM packages and used MKS/ServiceNow process flow for Linux based deployments.
* Developed Gradle/Maven/Ant builds scripts and configured continuous integration servers like Jenkins/Hudson for regular builds.
* Developed the Linux scripts SFTP files to Broadridge, nightly EML file processing using AUTOSYS jobs.
* Involved in production implementation and support of multiple projects.
* Used Sonar/SonarQube to avoid the code issues and complexity.

**Environment :** Java 8/11/17, DB2, Oracle, MongoDB, WebLogic, Eclipse, Struts 2.0/3.0, Spring Boot, Spring Security, iBATIS, myBatis, JPA, Spring Data JPA, AJAX, jQuery, JSP, HTML 5, CSS, ReactJS, Redux, NodeJS, AngularJS, JUNIT, Gradle, Maven, ANT, AUTOSYS, JClass, XML, XSLT, Putty, Jenkins/Hudson, Docker, ElectricFlow, Kubernetes, Azure, JMS, ActiveMQ, Kafka, ServiceNow.

**Client: Infinity Property & Casualty Corporation, Birmingham, AL. Sep 2007- Dec’2012**

**Role: Sr. Software Engineer**

**Infinity Policy System (IPS)**

Infinity Policy System (IPS) is one of the core business applications at Infinity Insurance. This application is used in all facets of the organization for day-to-day operations. This application enables personnel to view/edit core policy level details like information related to the insured customer, vehicles listed on the policy, rated drivers on the policy and policy coverages. It also provides access to policy level services to retrieve information from various internal/external data sources which enables the personnel to take critical decisions about policy. This application is also integrated to work with other enterprise level applications to retrieve/provide data as required.

**Responsibilities**

* Involved in design and development using Java, J2EE, Web 2.0 technologies.
* Participated in requirements gathering, analysis, and design and implementation phases.
* Developed Customer and Agent versions of IPS.
* Involved in developing presentation, domain, and data source layers.
* Involved in the development of webservices and webservice clients using Axis2.
* Involved in the development of .Net webservice clients for allowing Endorsement on the Auto Insurance Policies.
* Involved in the analysis and extraction of legacy code written in VB, VC++ for endorsement related operations.
* Involved in design and development of reusable business components.
* Building and deploying the applications in different environments by using Ant build tools.
* Involved in the development of rich clients using Adobe Flex and J2EE and .NET webservices.
* Involved in Integrating the IPS application to IVR and Genesys Softphone.
* Configured and deployed the application on WebLogic Server.
* Used Tomcat 6.x in development environment.
* Developed test cases using Junit.

**Environment:** J2EE 1.6, Oracle 9i/10g, WebLogic, Struts 2.x, Spring 3.x, Hibernate 3.x, Axis2, Webservice, C#, .Net Webservices, JUnit, Adobe Flex, Ant, Hudson CI, Apache JMeter, AJAX, jQuery.

**Genesys Platform Integration**

Genesys Voice Platform is a software platform, which provides touchtone access to applications and incorporates speech recognition technology for conversational exchange to identify and resolve customer requests. Genesys Integration project aims to integrate the existing applications with Genesys voice platform.

**Responsibilities**

* Involved in all stages of the project which included initiation, planning and design, execution, monitoring and controlling and closing stages of the project.
* Worked in the complete project life cycle of the development of Softphone using JDK 5, Swing, Webservices, Java Web Start technology.
* Worked on maintenance and adding new features.
* Involved in designing and implementation of the GUI of Softphone which mocks the existing desk phone that customer service representatives currently use.
* Designed and developed a tracking application for monitoring the live status of the customer service representatives.
* Involved in developing backend programming for validating policy numbers from IVR and sending the policy data to IVR.
* Involved in developing and upgrading web-based applications to schedule the Customer service representatives’ duties and tasks. This module uses the Genesys Platform Management API.
* Worked on J2EE webservices to provide access to Infinity data sources.
* Worked on adopters in IPS to send to/collect data from Genesys environment.
* Worked on setting on the serve level resources like JDBC connection pools, JMS topic/queue resources.
* Configured JMX on UNIX servers to monitor Genesys applications running on Infinity Servers
* Participated in the architectural design to configure this application for high availability.
* Configured and deployed the application Sun One 7 Webservers on Solaris boxes.
* Used Tomcat 6.x in development environment.
* Developed test cases using JUnit.

**Environment:** J2EE Webservices, Swing, Java Web Start, NetBeans 6.x, Struts2.x, JMX, JMS, JUnit, Glassfish 2.x.

**Coins to Mobius Migration**

The primary focus of this project was to develop the archiving process to send new Infinity reports/forms or text/metacode to Mobius and retrieve reports from the system. There were 2 Phases of the Mobius project, addressing new reports/forms or text/metacode and existing reports/forms or text/metacode independently. The new process was made accessible to the current users providing functionality as prescribed by business practices.

**Responsibilities**

* Participated in requirements gathering, design, implementation, testing, and maintenance phases with the ASG Vendors, Server team and database teams.
* Developed the automated archiving process for saving the new reports/forms.
* Developed a webservice using the ViewDirect 4.0 API for allowing the retrieval of archived reports for different clients.
* Designed and developed a Web Application using Adobe flex for easily retrieving any type of documents in the Mobius System.
* A front end implemented in Flex provides real time status of the batch process.
* Used Spring with Quartz framework for scheduling jobs which archive the daily reports and monthly reports at a specific time every night.
* Developed Apache Axis webservices to interface with Mobius framework for archiving documents.
* Created XSD from the servers’ xml and Used XML Beans technology for accessing XML by binding it to Java types.
* Configured and deployed the application in Sun One 7 Webservers on Solaris boxes.
* Developed test cases using JUnit.

**Environment** : ViewDirect 4.0, DDRINT 4.0, Spring 3.x, Hibernate 3.x, EJB, Quartz Scheduling framework, Oracle 9g/10i, Sun Web server 7.0u8, J2EE Web Service, Axis2 1.5, Adobe Flex Front End, C3P0, XMLBeans 2.0, Spring Webflow, Ant, Log4j, XSD, MyEclipse 7.x, BlazeDS community Edition.

**Tibco SOA**

Tibco SOA project has been initiated at Infinity to combine the existing Java, .NET, Mainframe applications by bringing them into Tibco Service oriented architecture. This project encompasses multiple applications implemented using various technologies and wrapping them into Web services and combining them using Tibco Business Processes to create multiple automated business processes.

**Responsibilities**

* Involved in developing requirements for creating automated business process
* Converted the Tibco AMX 2.0 webservices to AMX 3.0 webservices.
* Integrated applications to use Tibco IProcess.
* Involved in designing and implementing new applications to fill in the gaps to create a complete business process
* Involved in deploying and maintaining Tibco applications.
* Worked on maintenance and adding new features.

**Environment** : Tibco Active Matrix, Tibco Business Studio, Tibco Designer, Tibco EMS

**Client: University of Alabama at Birmingham Aug 2006 to Aug 2007**

**Role: Graduate Assistant**

**Responsibilities**

* Involved in the complete development, testing and maintenance process of the application.
* Designed software architecture plan based on MVC pattern.
* Front-end (User Interface) development using JSF and Servlet controllers.