**Vidyaviha.Peri**

**Emailid:** **vidyap1004@gmail.com**

**phone no: 9804770643**

**PROFESSIONAL SUMMARY:**

* Around 6 years of hands-on experience in **designing**, **developing** and **testing** Java/J2EE web based applications.
* Experience worked in **Railway, Insurance and HealthCare domain.**
* Hands on experience in developments of web based applications using **HTML**, XML, **CSS**, **JavaScript** frameworks such as **Angular** versions **6/7/8/9**, **Ngrx**, **Redux**, **ReactJS**, **NodeJS** and **Angular** **material**.
* Excellent experience in **Object Oriented analysis and Design** (OOAD), Development, Implementation and Testing of various software applications using **Java/J2EE**.
* Extensive work experience in all phases of the **Software Development Life Cycle** like collecting business specifications, analysis, design, development, and testing the application.
* Extensive knowledge in core Java concepts which includes **Collections, Multi-threading** and J2EE (Servlets, JSP, JDBC, EJB, JMS, spring, Struts and Swing).
* Involved in developing distributed Enterprise and **Web applications** using Java/J2EE, UML Web technologies that include **EJB, JSP, Servlets, Struts, JMS, JDBC, HTML, XML, XSL and Hibernate.**
* Experienced in establishing **connectivity** from front end to back end using **JDBC connections.**
* Ability to **handle multi-tier**, object-oriented J2EE and Core Java applications.
* Developed applications in JSP, Java Beans and Servlets using **MVC architecture**
* Proficient in developing advanced web-based applications design and development using Java, J2EE, Servlets, JSP, JSTL, Struts, Spring, **Eclipse, MongoDB, jQuery, AJAX, AngularJS and Databases**
* Strong experience in technologies like **Java Server Pages (JSP), Java Servlets,** Enterprise JavaBeans (EJB) 2.0/3.0, Java Beans, JDBC.
* Extensive hands-on experience in object-oriented analysis, design, modeling and programming tools in conjunction with **Unified modeling language** (UML)**.**
* Expertise in developing large and highly configurable applications using **Spring boot, Spring 2.5, Struts 2.0, Hibernate and JPA 2.0 combination.**
* Good knowledge in building and deploying **Apache ANT/MAVEN scripts** for deployment and customizing WAR/ JAR file management for web applications.
* Experienced using Dojo web pack as in web developing tool
* Provided technical support for **debugging web applications**, database and assistance to production systems.
* Expertise in developing the presentation layer/UI using JSP, HTML, JavaScript, jQuery and XSLT.
* Experienced in programming tools like ANT, Maven Build Scripts, and Unit.
* Strong expertise in development and **deployment of web components** that include Servlets, **JSP, JSF, Java Scripts** and business layer components that include, **Web Services, and JDBC**.
* Experience in server side distributed object development using **J2EE, EJB, JNDI, and JDBC, IBM Web sphere Server, Web Logic Server, XML, XSL, XSLT, WSDL and SOAP.**
* Experience in web technologies J2EE, Spring, EJB's, Servlets, JSP's, Jakarta Taglibs, JSP Custom Tags Libraries, Java Beans, Apache Jakarta Struts, Hibernate, JavaScript, Swing, jQuery, XML, DHTML & HTML, Docker, spring-cloud,OAuth2.
* Experience in using **Eclipse IDE** for developing web applications.
* Used Object/Relational mapping **Hibernate 3.0 framework** as the persistence layer for interacting with **Oracle.**
* **Hands on experiences with Hadoop map reducing , scala kafka.**
* Written complex **SQL and no sql queries**, stored procedures, functions and triggers in PL/SQL.
* Expertise in implementing **Representation state transfer (REST)** with XML based Web Services (**REST/SOAP/UDDI/WSDL**).
* Capable of delivering well documented applications, adhering to quality standards and delivery dates.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast, Consistent team player with excellent communication skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML 4.01/5, CSS2/CSS3, JavaScript, jQuery, AJAX, JSON, HTML5, CSS3, Bootstrap, XML, JSON, hibernate, XHTML, Apache |
| **Languages** |  C, C++, Java, SQL. |
| **Frameworks** | Angular.js, Angular2, Angular4, Angular6, Angular 7, Angular 9, Bootstrap, Node.js, React.js, Rest API, Express.js, Spring boot, spring 2.5, spring-cloud. |
| **Prototyping Design** | Azure, Photoshop, Illustrator |
| **IDE & Tools** | Sublime Text, Eclipse, STS, WSDL, Soap UI, XML schema, Visual studio. |
| **Debugging tools** | Firebug, Bugzilla |
| **Web Servers** | Apache, Tomcat 7.x, Tomcat 8.x, Web Logic 10.x, JAX-WS |
| **Database** | Toad,ORACLE11g/12c, MYSQL, DB2, SQLite, no sql |
| **Build Tools** | Maven 3.x, Jenkins |
| **Management tools** | SVN, GitHub 1.8, JIRA, Docker |
| **Operating Systems** | Windows 2000/XP/Vista/7/8/10, Linux, Mac OS X |
| **Methodologies** | Agile, Sprint, waterfall |

**PROFESSIONAL EXPERIENCE:**

**Client name: Norfolk Southern Corporation Atlanta, GA**  **Dec 2019 - Present.**

**Role: Frontend Developer/Full stack developer.**

**Description**: The **Norfolk Southern Railroad** ([reporting mark](https://en.wikipedia.org/wiki/Reporting_mark) **NS**) is a [Class I](https://en.wikipedia.org/wiki/Railroad_classes) freight railroad in the [United States](https://en.wikipedia.org/wiki/United_States). The most common commodity hauled on the railway is [coal](https://en.wikipedia.org/wiki/Coal) from mines in [Indiana](https://en.wikipedia.org/wiki/Indiana), [Kentucky](https://en.wikipedia.org/wiki/Kentucky), [Pennsylvania](https://en.wikipedia.org/wiki/Pennsylvania), [Tennessee](https://en.wikipedia.org/wiki/Tennessee), [Virginia](https://en.wikipedia.org/wiki/Virginia), and [West Virginia](https://en.wikipedia.org/wiki/West_Virginia). The railway also offers the largest [intermodal](https://en.wikipedia.org/wiki/Intermodal_freight_transport) network in eastern North America.

**Responsibilities:**

* Interacted with the Business Technical consultant to get the requirements based on the customer objectives.
* Documented the design and operational parameters to ensure the business requirements are achieved.
* Organized implementation review meetings to update the user specification and use cases.
* Implemented the functionality based on the use case specification to give the user a capability to configure the benefit categories with minimum or less action.
* Designed the user interface screens as in the basic sketch of the screens using **Mockflow** tool.
* Developed the single page user interface for the web application using **Angular 8, Bootstrap 4, HTML 5 and CSS.**
* Migrated from Angular 8 to the Angular version 9 with the latest version depended on Typescript 3.8
* Developed using the state management using **NgRx.**
* Responsible for checking cross browser compatibility and hence worked on different browsers.
* Resolved complex issues related to browser and network performance, cross-browser and legacy IE compatibility, client-side scaling, data modeling, usability and testability.
* Created angular reactive forms and validated them using unit test.
* Solving JIRA tickets which are assigned to me.
* Implemented HTML5 feature like, local storage, data and required attributes and sliders.
* Implemented CSS3 features like, multi-column layout, gradients and web fonts.
* Integrate the UI with the controller and DAO developed using the **Spring boot architecture**.
* Developed the controllers and DAO’s for the domain objects that interact with the UI and integrate it with the Database.
* Created scripts and queries using **SQL Server** to retrieve the tables based on the SQL, no-sql queries.
* Aligned the Database queries and embed them into the Spring boot application to perform the data retrieval based on the user requirement.
* Created and injected Spring services, spring controllers and DAO’s to achieve dependency injections and to wire objects of domain classes.
* Used Faceted Project Validation, Java Spring Boot validation and Maven project builders to develop the code and deploy to the servers.
* Used OpenShift and Docker to deploy the developed work to test.
* Interacted with the **GITHUB** and **BITBUCKET** as a version control tool for the code checkins and checkouts
* Also used OAuth2 for the security purposes.
* Responsible for debugging, testing, maintaining and deploying the applications based on the tracking errors for spring services using Junit.
* Participated in DEMO for every sprint work developed to give the business progress updated on a timely manner.

**Environment:** Java 11, Maven, Junit, Mockito, NodeJS, NPM, Angular 8, Angular 9, NgRx, JPA, REST Web services, Visual Studio, IntelliJ, JIRA, Typescript 3.8, microservices, Azure, Moqups, Sharepoint.

**Client name: Kentucky Farm Bureau Louisville, KY**  **Aug 2018-Dec 2019.**

**Role: Frontend Developer/Full stack developer.**

**Description**: Kentucky Farm Bureau is a voluntary organization of farm families and their allies dedicated to serving as the voice of agriculture by identifying problems, developing solutions and taking actions which will improve net farm income, achieve better economic opportunities and enhance the quality of life for all.

**Responsibilities:**

* Interacted with the Business Technical consultant to get the requirements based on the customer objectives.
* Designed the screens as in the basic sketch of the screens using **moqups** tool.
* Developed the single page user interface for the web application using **Angular 6, Bootstrap 4, HTML 5 and CSS.**
* Responsible for checking cross browser compatibility and hence worked on different browsers.
* Solving JIRA tickets which are assigned to me.
* Used APICurio to maintain a contract for JSON properties between front-end and backend.
* Used HTML5 as in feature like, local storage, data and required attributes and sliders.
* Implemented CSS3 and Bootstrap features like, multi-column layout, gradients and web fonts.
* Developed the controllers and DAO’s for the domain objects that interact with the UI and integrate it with the Database and also integrated with the UI.
* Created scripts and queries using **SQL Server** to retrieve the tables based on the SQL, no-sql queries.
* Aligned the Database queries and embed them into the Spring boot application to perform the data retrieval based on the user requirement.
* Created and injected Spring services, spring controllers and DAO’s to achieve dependency injections and to wire objects of domain classes.
* Used Faceted Project Validation, Java Spring Boot validation and Maven project builders to develop the code and deploy to the servers.
* Used SOAP and RESTful web services using **JAX-WS, JAX-RS** to integrated **Angular 6**.
* Interacted with **Tortoise SVN** repository for version control and code check-in check-outs.
* Interacted with the existing applications based on JSF and WebSphere to restructure the data within the existing application microservices and used OAuth for the security authentication.
* Responsible for debugging, testing, maintaining and deploying the applications based on the tracking errors for spring services using Junit.
* Scheduled DEMO for every sprint work developed to give the business progress updated on a timely manner.
* Defined **AWS Security Groups**, which acted as virtual firewalls that controlled the traffic, allowed reaching one or more **AWS EC2** instances with the Azure.
* Responsible for debugging, testing, maintaining and deploying the applications based on the tracking errors for spring services using Junit.
* Scheduled and participated to provide update on the work progress, for every sprint work developed to the business and product owner.

 **Environment:** Java 1.8, Spring, Spring boot Maven, Junit, Mockito, NodeJS, NPM, Angular 6, Angular 7, ReactJS JPA, REST Web services, Visual Studio, Tortoise SVN, Eclipse neon 3, API curio, JIRA, microservices, Azure.

**Client name: Blue Cross Blue Shield of Michigan, Detroit, Mi**  **April 2017 – July 2018.**

**Role: Application Developer/Full stack developer.**

**Description**: BCBSM IT benefit configurator team manages the entire lifecycle of the healthcare and other product benefits at the Blue Cross Blue Shield of Michigan (BCBSM). Benefit Configurator Production Support services include diagnosing and correcting errors and defects within specified Service Level Agreement timeframes. Assessing the impact of all releases to production to plan and execute all patch releases and base support related upgrades. Deliver reliable and timely software solutions to support business customer’s objectives, ensuring that the system is executing according to documented design and operational parameters.

**Responsibilities:**

* Interacted with the Business Technical consultant to get the requirements based on the customer objectives. Organized implementation review meetings to update the user specification and use cases.
* Implemented the functionality based on the use case specification to give the user a capability to configure the benefit categories with minimum or less action.
* Designed the user interface screens as in the basic sketch of the screens using **Mockito** tool.
* Developed the single page user interface for the web application using **Angular 7, Bootstrap 4, HTML 5 and CSS, NodeJS.**
* Implemented HTML5 feature like, local storage, data and required attributes and sliders.
* Implemented CSS3 features like, multi-column layout, gradients and web fonts.
* Integrate the UI with the controller and DAO developed using the **Spring boot architecture**.
* Developed the controllers and DAO’s for the domain objects that interact with the UI and integrate it with the Database.
* Created scripts and queries using **Toad for Oracle 12** to retrieve the tables based on the SQL, no-sql queries.
* Aligned the Database queries and embed them into the Spring boot application to perform the data retrieval based on the user requirement.
* Created and injected Spring services, spring controllers and DAO’s to achieve dependency injections and to wire objects of domain classes.
* Used Faceted Project Validation, Java Spring Boot validation and Maven project builders to develop the code and deploy to the servers.
* Used SOAP and RESTful web services using **JAX-WS, JAX-RS** to integrated **Angular 7** with promises for various requirements of **RESTful API.**
* Interacted with **CASCM** (CA Harvest Software Change Manager Bookshelf) repository for version control and code **Check-in check-outs.**
* Interacted with the existing applications based on JSF and WebSphere to restructure the data within the existing application microservices.
* Also used OAuth2 for the security purposes.

**Environment:** Java 1.8, Spring, Spring boot Maven, Junit, Mockito, NodeJS, NPM, Angular 7, JPA, REST Web services, Visual Studio, Toad for Oracle 12, Java Prime Faces, CASCM, Spring Tool Suite(V4), JIRA, microservices, Azure.

**Client: Sparta Systems – Hamilton, NJ Oct 2016 - Mar 2017**

**Role: Full Stack Developer**

**Roles and Responsibilities:**

* Involved in the complete **SDLC (software development life Cycle)** of the application from requirement analysis for testing.
* Developing with **HTML5, CSS3, jQuery, JavaScript, Node JS**
* Followed **Agile Methodology** in analysing, defining and documenting the functional and business requirements. We have a daily scrum meeting where we discuss all the tasks we must finish for that days and discuss any blockers or issues. We have used **JIRA** as our SCRUM tool
* Used front end web development tools HTML5, CSS3, JavaScript, Typescript, Bootstrap, Angular JS, **Angular2/4** to design UI.
* Replaced existed **Angular JS** code with **Angular 2/4/6** code, which decreased number of lines of code for a web application.
* Involved in using Angular2/4 components, Forms, Events, Keys, Router, Animations and Flux concept.
* Knowledge of **J2EE Design** Patterns such as Creational, Structural and Behavioral design patterns Singleton, Factory, Facade, Builder, Observer, DAO, Value/Data Transfer etc and Well versed in Object-Oriented programming using Java, J2EE.
* Worked on **Java 8** in developing the applications with microservices.
* Designed and developed **hibernate Configurations**.
* Worked on **hibernate changes**, upgraded hibernate 3 version to hibernate 5.
* Designing and developing **Micro Services** using **spring boot** application architecture to interact with different services.
* Designed and implemented using **MVC,** integrating **hibernate** and **spring boot framework.**
* Used Web Services **(SOAP and REST)** for transmission of large blocks of **XML/JSON**.
* Developed **JAX-WS SOAP** web services using **XML, WSDL, and XSD** through Apache CXF Implementation.
* Created jobs in **Jenkins** and deployed the applications in different environments (**DEV/QA/UAT/PROD**).
* Worked in all areas of Jenkins setting up **CI/CD** for new branches, build automation, plugin management and securing Jenkins and setting up master/develop configurations.
* Worked on security issues for the User Management service.
* **Maven** for the application builds and **Jenkins** for the continuous integration.
* Deployed applications into **Pivotal Cloud Foundry.**
* Created a mock API, which includes all the **JSON** data in that.
* Written complex **SQL** and no sql queries to fetch data from the database.
* Worked on implementing continuous testing for all modules. Unit test-case preparation for every module developed.
* Used Dojo web pack for the web developing.
* Azure is the tool used for the deploying for the cloud.
* Worked **with QA team** to resolve the defects and **UAT defects** with the business users.
* Defined **AWS Security Groups**, which acted as virtual firewalls that controlled the traffic, allowed reaching one or more **AWS EC2** instances.

**Environment:** Java 1.8, J2EE, Core Java, Angular JS, Angular2/4/6,NodeJS**,** Spring boot, Spring MVC, Spring Core, Junit, jaxB, Oracle, DB2,JIRA,Jenkins, PCF, hibernate3, hibernate5, STS, JSON, Maven, AWS, SOAP and REST Web Service, Dojo, microservices, Azure.

**Client name: SELL GLOBALLY,** Hyderabad, Telangana, India. **Aug 2013-Sep 2016**

**Role: Java Developer**

**Description:** Developed a project where introducing new approach for user verification and session management which is applied in the context aware security by hierarchical multilevel architecture (CASHMA) system for secure biometric authentication on Internet.

**Responsibilities:**

* Responsible for gathering business and functional requirements from the users.
* Analyzed Use Case Diagrams and created various UML Diagrams such as class and sequence diagrams.
* Developed application service components using Spring, creation of Hibernate mapping files and generation of database schema.
* Designed and developed the web-tier using HTML, JSP's, Spring MVC framework.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using JS and JQUERY
* Used JavaScript to handle asynchronous request, CSS to handle look and feel of the application.
* Used Web Services - WSDL and SOAP for at the client side for exchange rate calculation and used SAX and DOM XML parsers for data retrieval
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Involved in implementing Object Relational Mapping (ORM) using Hibernate for persisting business objects data into underlying database.
* Designed the presentation tier components by customizing the Struts framework components such as configuring web modules, request processors and error handling components
* Developed JSP pages using Struts custom tags
* Developed the components for parsing XML documents using SAX and DOM parsers
* Implemented design patterns such as DAO, Session Facade and Value Objects
* Implemented the Web Services functionality in the application to allow access by external applications to the data. Deployed the application in Apache tomcat server.
* Developed stored procedures, triggers and functions with PL/SQL for MySQL database.
* Unit tested all the classes using Junit at various class level and method level.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database
* Coordinated with QA team to ensure the quality of the application.

**Environment:** HTML, Struts, CSS, Java Script, jQuery, Angular JS, NodeJS, SAX, DOM, Agile methodology, Spring, Hibernate, MYSQL, Eclipse, Windows.