**Kalakada Vijaya Kumari**

**Senior Front End Developer**

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**PROFESSIONAL SUMMARY:**

* **14+ years** of professional experience in all phases of **Software Development Life Cycle (SDLC)** including Requirement Analysis and Debugging, Application design, Development, Integration, Maintenance, Installation, Implementation, Testing of various web applications.
* Experience on developing Micro service Architecture-based application using **Spring Boot** Services and **Angular** as a front-end UI framework.
* Advanced development experience with latest **JavaScript frameworks** like **Angular 2/4/8/11/12/13, Node.js**, **NPM**, **ES5 and ES6.**
* Hands on expertise in front-end development using **HTML, CSS, SCSS, JavaScript, Typescript, XML** and **Bootstrap**.
* Updated the application with new features of **Angular 11, Angular 12 and Angular 13.**
* Developed **API** driven responsive Web Application by integrating **Angular 11 with Bootstrap** and API’s.
* Advanced development experience with **Angular 12** including **custom directives, services, filters.**
* Used **Angular 13** to bind HTML elements data to JavaScript Objects and developed **dynamic Single Page Application.**
* Good amount of work done on Reactive forms or Web Forms 2.0 in Angular 2 and their Validations.
* Experience in Unit Test with **Karma**-**Jasmine** and experience in writing cypress tests for the components.
* Extensively Worked on **CSS** **Background**, **CSS** **Positioning**, **CSS** **Text**, **CSS** **Border**, **CSS** **Margin**, **CSS** **Padding**, **CSS** **Table**.
* Experience in working with **GraphQL**.
* Experience in database modeling, design and development of PL/SQL queries, Stored Procedures, Triggers, Cursors, Functions and Packages in relational databases: Oracle 11g, SQL Server 2005/2008, DB2 and MySQL.
* Experience in **Rxjs** and ngrx to handle asynchronous events.
* Involved in developing web pages using Angular for the **Microservices**.
* Experience in Automation testing using **Selenium** **Webdriver**.
* Experience in developing automation frameworks for BDD, ATDD using Selenium, Java, **Cucumber** and **TestNG**.
* Expertise in Continuous Integration tools like **Jenkins** and **Maven.**
* Extensively implemented **ES6** for building interactive cross platform web application and optimizing the application for high performance
* Implemented modules into **Nodejs** to integrate with designs and requirements.
* Expert in creating **Templates, Web Interfaces, Layouts, and Flow of Future Developing Pages**.
* Experience in developing and implementing **SOAP** and **RESTful** Web Services using different **Frameworks** and connecting to **Database.**
* Excellent experience in using various project management tools like **Rally.**
* Experienced in using the version controls like **GIT and SVN** effectively.
* Developed batch processing applications using spring batch deployed on AWS.
* Experienced working in both **AGILE** and **SDLC** based on development environment and involved in daily SCRUM meetings to keep track of project status and issues.
* Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented JavaScript, Type Script, Angular 2.0, Angular 4, Angular JS, Node JS, Bootstrap, Media Queries, and CSS Frameworks.
* Expertise in Angular 2.0 framework and its ability to create simple and scalable code for **SPA**.
* Experience in using Chrome Developer Tools and Firebug for debugging and troubleshooting the code.
* Experience in Software Testing which includes manual (Functional), database testing, Regression Testing, Sanity Testing, Exploratory Testing and GUI Testing .
* Healthcare Experience and exposure to EDI 278 HIPAA transactions.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML, CSS3, JavaScript, TypeScript, JSON, Jasmine, Karma. |
| **JavaScript Libraries** | Angular 2/4/8/11/12/13, Nodejs, ReactJS, ES5 and ES6. |
| **IDE & Tools** | Eclipse, IntelliJ |
| **UX Tools** | MS Visio, Adobe Photoshop CS3. |
| **Web Services** | REST, SOAP, XML |
| **Databases** | Oracle, SQL Server, MySQL server, GraphQL |
| **Version Control** | CVS, SVN, GitHub |
| **Programming Languages** | JAVA,J2EE, Python |
| **Methodologies** | Agile, Waterfall |
| **Framework** | Spring Boot , Cypress, Protractor. |
| **Operating System** | Windows 2000/XP/Vista/7/8, MAC OS X |

**EDUCATIONAL QUALIFICATIONS**

* Bachelor’s in **Computer Science** from Jawaharlal Nehru Technological University, Hyderabad, India.

**WORK EXPERIENCE:**

**Client: OPTUM, Minneapolis, MN Sep 2021 – May 2023**

**Role: Sr. UI/Angular Developer**

**Project Description: Member Profile**

### Develop a clinical platform with chat capabilities that can provide case nurse managers with a simplified, holistic member profile view and workflow tool. Overall goal is to reduce the number of applications a nurse must have open to complete outreach calls with a member.

### Optum needs to respond to the needs of our members and prospective new members and provide digital based solutions to our customers, as well as digital based education and decision tools for our providers.

### Through execution of proof-of-concept digital pilot programs using mobile applications and web platforms, education, and decision tools. We will determine the platform and tools we want to use to increase engagement and efficiency, as well as engage consumers via SMS in text-to-talk, text-to-chat, provider search, reminders, co-browse etc.

**Responsibilities:**

* Worked with **Angular versions** for developing **Dynamic** **Single Page Application**.
* Updated the application with new features of **Angular 12/13.**
* Used Rxjs to handle asynchronous events.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 13**.
* Expertise in developing **Angular2** features like **Directives, Filters** and **Services.**
* Worked with **Http Interceptors** configurations for security in **Angular 2** applications.
* Worked with **Angular 2** **components**, **pipes**, **injectables**.
* Used **Angular 2** to bind HTML elements data to JavaScript Objects and developed dynamic Single Page Application.
* Worked on **Angular 2** by consuming Restful web services & used **Angular 2** forms like **Template Driven forms** and **Modern Driven (Reactive) forms** to perform form validations both on server and client side.
* Implemented **Angular2 classes** and **life cycle hooks** to maintain the data present in each view.
* Implemented **Angular 2** services to connect the web application to back-end **APIs.**
* Extensively implemented **ES6** for building interactive cross platform web application and optimizing the application for high performance.
* Configuring, constructing, and testing scripts within an ongoing integration environment.
* Responsible for creating directives for reusability.
* Responsible for integrating backend with the front end.
* Writing cypress scripts for e2e testing.
* Involved in code reviews of peer developers to maintain the standard and stability.
* Used **JSON** for storing and exchanging information between **browsers** and **servers.**
* Extensively used JavaScript testing frameworks **Jasmine** and **Karma** to test the application.
* Working experience with version control system **GIT** and bug tracking tools **JIRA** in Agile Scrum environment.
* Help define and develop the test and production environment, coordinate the migration of the system, and/or coordinate efforts with other projects.
* Implemented Test Driven Development, Unit testing using frameworks and tools like, Jasmine, Karma, Protractor.
* Rewrite existing applications and migrated applications and the to the **AWS cloud** as part of modernization project.
* Involved in developing in Azure or a cloud-based development environment.

**Environment:** Angular 12, Bootstrap, HTML5, DOM, CSS, JavaScript, Typescript, Nodejs, JSON, Micro services, Jasmine, Karma, GIT, Cypress, Rally, ES6,npm, Jenkins.

**Client: OPTUM, Minneapolis, MN Mar 2019 - Aug 2021**

**Role: Sr. UI/Angular Developer**

**Project Description: EAS**

EAS-Enterprise Adjudication System: EAS is an independent Enterprise Adjudication Service supporting all types of claims processing for a wide range of plans and policies developed in PRPC 6.1 (Business rules engine BRE). Claims not processed through Online processing system are being pushed to COMET status and EAS pulls claims of American airlines, Empire, GE policies into its workbasket and process those claims based on its Slotting rules, plan parameters. All this process has been previously developed in Oracle BPM and is been migrated to PEGA BPM. The project was executed following Agile model.

**Responsibilities:**

* Worked with **Angular versions** for developing **Dynamic** **Single Page Application**.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 8**.
* Expertise in developing **Angular2** features like **Directives, Filters** and **Services.**
* Worked with **Http Interceptors** configurations for security in **Angular 12** applications.
* Worked with **Angular 2** **components**, **pipes**, **injectables**.
* Used **Angular 2** to bind HTML elements data to JavaScript Objects and developed dynamic Single Page Application.
* Worked on **Angular 2** by consuming Restful web services & used **Angular 2** forms like **Template Driven forms** and **Modern Driven (Reactive) forms** to perform form validations both on server and client side.
* Implemented **Angular2 classes** and **life cycle hooks** to maintain the data present in each view.
* Implemented **Angular 2** services to connect the web application to back-end **APIs.**
* Extensively implemented **ES6** for building interactive cross platform web application and optimizing the application for high performance.
* Configuring, constructing, and testing scripts within an ongoing integration environment.
* Responsible for creating directives for reusability.
* Responsible for integrating backend with the front end.
* Writing cypress scripts for e2e testing.
* Involved in code reviews of peer developers to maintain the standard and stability.
* Used **JSON** for storing and exchanging information between **browsers** and **servers.**
* Extensively used JavaScript testing frameworks **Jasmine** and **Karma** to test the application.
* Working experience with version control system **GIT** and bug tracking tools **JIRA** in Agile Scrum environment.
* Help define and develop the test and production environment, coordinate the migration of the system, and/or coordinate efforts with other projects.
* Implemented Test Driven Development, Unit testing using frameworks and tools like, Jasmine, Karma, Protractor
* Involved in developing in Azure or a cloud-based development environment.

**Environment:** Angular 11, Bootstrap, HTML5, DOM, CSS, JavaScript,Typescript Nodejs, JSON, Micro services, Jasmine, Karma, GIT, Cypress, Rally, ES6, npm, Jenkins.

**Project Description: OCM Jan 2017 - Feb 2019**

### The Online processing system - Health Care Claim Payment/Advice-This is intended to meet the particular needs of the health care industry for the payment of claims and transfer of remittance information. The 835 can be used to make a payment and/or send an Explanation of Benefits, remittance advice from a health care payer to a health care provider.

**Responsibilities:**

* Worked with **Angular versions** for developing **Dynamic** **Single Page Application**.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for a web application, page navigation using **Angular 2**.
* Expertise in developing **Angular2** features like **Directives, Filters** and **Services.**
* Worked with **Http Interceptors** configurations for security in **Angular 2** applications.
* Worked with **Angular 2** **components**, **pipes**, **injectables**.
* Used **Angular 2** to bind HTML elements data to JavaScript Objects and developed dynamic Single Page Application.
* Worked on **Angular 2** by consuming Restful web services & used **Angular 2** forms like **Template Driven forms** and **Modern Driven (Reactive) forms** to perform form validations both on server and client side.
* Implemented **Angular2 classes** and **life cycle hooks** to maintain the data present in each view.
* Implemented **Angular 2** services to connect the web application to back-end **APIs.**
* Extensively implemented **ES6** for building interactive cross platform web application and optimizing the application for high performance.
* Configuring, constructing and testing scripts within an ongoing integration environment.
* Responsible for creating directives for reusability.
* Responsible for integrating backend with the front end.
* Writing cypress scripts for e2e testing.
* Involved in code reviews of peer developers to maintain the standard and stability.
* Used **JSON** for storing and exchanging information between **browsers** and **servers.**
* Extensively used JavaScript testing frameworks **Jasmine** and **Karma** to test the application.
* Working experience with version control system **GIT** and bug tracking tools **JIRA** in Agile Scrum environment.
* Help define and develop the test and production environment, coordinate the migration of the system, and/or coordinate efforts with other projects.
* Implemented Test Driven Development, Unit testing using frameworks and tools like , Jasmine, Karma, Protractor
* Involved in developing in Azure or a cloud-based development environment.

**Environment:** Angular4, Angular 8, Bootstrap, HTML5, DOM, CSS, JavaScript, Node JS, JSON, Micro services, Jasmine, Karma, cypress, GIT, Rally, ES6, Jenkins.

**Client: Optum**

**Role: UI developer – Angular JS**

**Project Description: Nov 2013 - Dec 2016**

ICUE: Integrated Clinical User Experience

Clinical IT is a comprehensive, integrated information system designed to manage the clinical aspects of a member, providers and business users across business segments at UHG. Presently there are more than 40 different applications in the organization constituting the clinical system. Users can be categorized as Member, Provider, Business User.

**Responsibilities:**

* Design and develop high-quality front-end UI applications including JavaScript, Angular JS.
* Develop Angular JS component, service and controller for the modules.
* Used Web technologies including Cascading Style Sheets (CSS), HTML, HTTP, JavaScript Pages (JSP), extensible Markup Language (XML), web services, SAML 2.0, jQuery.
* Used DBMS including **Oracle PL/SQL, Oracle SQL, and Oracle 11g and PostgreSQL**.
* Integrated UI components with RESTful APIs and backend systems.
* Troubleshoot and resolve UI issues and defects.
* Worked closely with the QA team to ensure the quality of the user interfaces.
* Participated in code reviews and provide constructive feedback to other team members
* Participated in Daily status call with Clients, Business team, Dev team, Sprint planning and Retrospective calls. Handled calls with Product Owners and Scrum Master.
* Maintained central repository of test scripts developed using GIT and Maven and Involved in Implementation of Continues Integration.
* Provided guidance to the new joiners in the team in both functional and automation aspects.

**Environment: Angular JS,** HTML, CSS, Java Script, Typescript, Spring Boot, SQL, Jenkins, GitHub.

**Client: Optum**

**Role: UI developer –** ReactJS

**Project Description:** BOSS  **Nov 2010 - Oct 2013**

The project involves building web applications that would serve as an upstream source of truth repository for all the downstream applications within the Eligibility Management framework. BOSS (Business Operations

Support System) is a business initiative to establish a central repository to serve as the source of truth system for Customer (that we are serving), Product (that we have developed) and Service Agreement (that we have sold to customer). BOSS will result in streamlining the

end -to -end business process, simplifying business communication, driving operational consistency and tracking the commitments to customers.

**Responsibilities:**

* Design and develop high-quality front-end UI applications including JavaScript, ReactJS, Rest Service architectures.
* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser stands for web site.
* Implementing project using Agile **SCRUM** methodology, involved in daily stand up meetings and sprint showcase and sprint retrospective.
* Used Web technologies including Cascading Style Sheets (CSS), HTML, HTTP, JavaScript Pages (JSP), extensible Markup Language (XML), web services, SAML 2.0, jQuery, and Modern JavaScript MVC frameworks (Angular, React)
* Used DBMS including Oracle PL/SQL, Oracle SQL, and Oracle 11g and PostgreSQL.
* Integrated UI components with RESTful APIs and backend systems.
* Worked closely with the QA team to ensure the quality of the user interfaces
* Participated in code reviews and provide constructive feedback to other team members
* Performing various software testing - Manual, Database, Functional, automation, Web Applications as well as Windows Stand Alone Applications Testing; engineering test cases design / strategies for design verification / product validation.
* Participated in Daily status call with Clients, Business team, Dev team, Sprint planning and Retrospective calls. Handled calls with Product Owners and Scrum Master.
* Maintained central repository of test scripts developed using GIT and Maven and Involved in Implementation of Continues Integration.
* Provided guidance to the new joiners in the team in both functional and automation aspects.

**Environment: React JS, HTML, CSS,** Java script, Type Script, Java, JSP, Jenkins, SOAP, Sauce Labs.

**Company**: **Tata Consultancy Services**

**Client:** Qualcomm  **Jan 2010- Oct 2010**

**Role: Java Developer**

**Responsibilities:**

* Developed the web tier using JSP, **Spring MVC.**
* Used **Spring Framewor**k for the Implementation of the Application.
* Integrated **Spring Dependency Injection (IoC)** among different layers of an application.
* Used **Hibernate** for object Relational Mapping and used **JPA** for annotations.
* Implemented **REST web services** using **Apache-CXF** framework.
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Managing activities like test case, analysis, execution, defect management and test report preparation; conducting case &amp; system study for project planning, scoping and tracking.
* Participated in Daily status call with Clients, Business team, Dev team, Sprint planning and Retrospective calls. Handled calls with Product Owners and Scrum Master.
* Reviewed the automation test scripts and provided optimized solutions.
* Provided guidance to the new joiners in the team in both functional and automation aspects.
* Develop and execute Unit Test plans using **JUnit**, ensuring that results are documented and reviewed with Quality Assurance teams responsible for **integrated testing.**
* Participated in Daily status call with Clients, Business team, Dev team, Sprint planning and Retrospective calls. Handled calls with Product Owners and Scrum Master.
* Maintained central repository of test scripts developed using GIT and Maven and Involved in

Implementation of Continues Integration.

* Reviewed the automation test scripts and provided optimized solutions.
* Provided guidance to the new joiners in the team in both functional and automation aspects.
* Develop and execute Unit Test plans using **JUnit**, ensuring that results are documented and reviewed with Quality Assurance teams responsible for **integrated testing.**
* Used **Apache** **Tomcat**Application Server for application deployment.

**Environment:** Spring framework, Spring MVC, Spring JDBC, Hibernate, J2EE, JSP, Ajax, XML, Log4j Maven, JavaScript, HTML, CSS, jQuery, SVN, GitHub, WebSphere, Agile, JAX-WS, Apache-CXF, JSF. MQ, Maven, Jenkins, Log4J, JUnit, Mockito, Karma, Jasmine, JIRA.

**Company**: **Tata Consultancy Services**

**Client:** Deutsche Bank **May 2008 - Dec 2009**

**Role: Java Developer**

**Responsibilities:**

* Developed the web tier using JSP, **Spring MVC.**
* Used **Spring Framewor**k for the Implementation of the Application.
* Integrated **Spring Dependency Injection (IoC)** among different layers of an application.
* Used **Hibernate** for object Relational Mapping and used **JPA** for annotations.
* Implemented **REST web services** using **Apache-CXF** framework.
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
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* Provided guidance to the new joiners in the team in both functional and automation aspects.
* Develop and execute Unit Test plans using **JUnit**, ensuring that results are documented and reviewed with Quality Assurance teams responsible for **integrated testing.**

**Environment:** Spring framework, Spring MVC, Spring JDBC, Hibernate, J2EE, JSP, Ajax, XML, Log4j Maven, JavaScript, HTML, CSS, jQuery, SVN, GitHub, WebSphere, Agile, JAX-WS, Apache-CXF, JSF. MQ, Maven, Jenkins, Log4J, JUnit, Mockito, Karma, Jasmine, JIRA.