**Craig FOX**

***Email: Craig.fox56@outlook.com***

Synopsis

* 6+ years of experience in analysis, design, development and implementation of, enterprise and web applications, with skills in wide range of Java technologies.
* Good understanding of the System Development life cycle (Requirement, Design, Development, Testing, Deployment and support).
* Experience in developing applications in Ecommerce, Online Content Management, Financial and health care domain
* Experience with development, implementation and maintenance of large web/portal application systems using **J2EE** technologies (using **Core Java, Servlets**, **JSP, JDBC, JMS**, **Swing, Struts, Spring, Shell Scripting, Multithreading**, **Hibernate**, **XML, a, Web service, Axis, NetBeans, Eclipse, ANT.**
* Experienced in designing, developing and implementing J2EE applications using design patterns like **MVC, Singleton, Front Controller, Session Façade Data Access Object, Factory and Service Locator.**
* Experienced in working with spring frameworks and ORM mapping tools like **Hibernate** and **MyBatis**, which implements Java Persistence API (JPA).
* Good experience in **MVC** (Model View Controller) architecture using **Struts, Spring, spring web flow, JPA 2, JTA, JNID** implementing **JSTL (JSP Standard tag library)** & **custom tag development.**
* Strong experience in **Spring Framework** in developing applications using **Spring MVC, IOC, AOP,JDBC, JPA, Spring Boot, Spring Cloud** and **Spring Batch.**
* Worked on java 8 functional programming concepts like **lambda expressions, functional interfaces and Streams.**
* Implemented POC for Notifications and Appointment module using **RESTful Micro Service** using Apache Camel framework using **Java 8**.
* Proficiency in front end development languages like **JSP, JavaScript, HTML5, CSS3, JQUERY, AJAX, JSON, DOJO, XML, XSL, XSLT, AngularJS, ReactJS, Sencha EXT-JS and Bootstrap.**
* Experienced in developing SOA (Service Oriented Architecture) and J2EE Web Services based on **RESTful, SOAP,WSDL, UDDI, JAX-WS, JAXB, JAX-RS** using tools like **Apache Axis.**
* Experienced in working with **ReactJs**, including **ReactFlux** and **Redux** architecture for improvement of the website performance implementing uni directional data flows.
* Proficient in working with XML related Technologies **XML, XSLT, XPATH, XSL, DTD, DOM**, and **XML Spy** tool.
* Well versed in Web Development Technologies like **HTML, DHTML, CSS, XSLT, XML (SAX, DOM), Custom Tags, JAVA SCRIPT.**
* Experienced in using **JavaScript** library **JQuery, MS FrontPage, JSP, Struts Tag Library, AngularJS**, **Jasmine.**
* Good knowledge **in JSON, JAXB, JAXP** and Extensive experience in development and implementation of **Restful** Web Service as a Provider along with JSON as messaging medium and have also implemented Soap based web services using apache-CXF.
* Experience in using **PL/SQL** in Oracle, **MS SQL** Server for developing database to create its objects like **tables, views, functions, triggers**, **RDBMS Design, DB normalization**, **ER modeling**, **SQL, PL/SQL**, **procedures, cursors, functions** and **stored procedures** packages along with knowledge on **SQL and HQL Queries**. And having knowledge of **NoSQL**databases like **MongoDB, Cassandra**.
* Experience in **Unix/Linux, Shell Scripting**, Build and Deployment.
* Experienced with **JUnit** for unit testing and **Log4J** for extensible logging, debugging and error tracing.
* Experienced with build tools include **Maven**, **Gradle** and **Jenkins** Version/Source Control tools including **SVN** and **Rational ClearCase**. IDE tools like **RAD, WSAD, Eclipse, Spring STS,** and **Borland JBuilder** and **Oracle Jdeveloper**.
* Followed **Waterfall, Agile** methodologies like **Test Driven Development (TDD), Pair Programming** and **SOA** projects**.**
* Involved in developing **Test plans, Test Cases (Manual/Automated)** tools such as **Selenium IDE, Selenium Grid, Junit, Test Procedures** and **white-box** and **black-box testing.**
* Used Continuous delivery / Continuous Integration (CD/CI) tools **Docker**, **Jenkins** to deploy this application to **AWS** along with **GIT** for Version Control of code for incremental development.
* Worked on various application servers and web servers like **WebSphere, BEA Web logic, JBoss**and **Tomcat**

Technical Skills

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| **Languages** | C, C++, Java 8 , PL/SQL, UML2.X |
| **Technologies** | JSP2.1/2.0/1.2, Servlets 2.x/3.x, JavaBeans, JDBC, Struts2.x, Hibernate3.x/4.x, Spring3.0/4.0, Web Services, SOA, JMS2.0, and DOM Parsers, AJAX, Karma, Jasmine |
| **Web Technologies** | HTML/DHTML, XHTML2.0, JavaScript1.x (ECMAScript 6), ReactJS XML1.0, XSL, XSLT, XPATH CSS, jQuery, Angular 1, Angular 2, Angular 4, Ext JS |
| **Development Tools (IDEs)** | Eclipse, JBuilder, NetBeans, MS Visual Studio, Spring Tool Suite. |
| **Web/Application Servers** | Tomcat7.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere7.x/8. X, JBOSS |
| **Database** | Oracle 11g, SQL server 2008, MySQL, Mongodb |
| **Platforms** | Windows, UNIX, LINUX, MAC |
| **Testing Tools** | JUnit 4.x, JIRA,Mockito, Rally, TestNG, Version1 |
| **Version Control** | CVS, SVN, VSS and Rational ClearCase, GIT Hub |
| **Methodologies** | Agile Methodology, Waterfall model |
| **Build Tools** | Gradle, Maven |

Certifications

* ***Oracle Certified Java SE 6 Programmer.***

Career Summary

**Ford Credit, Dearborn, Michigan** **Jul’16 - till date**

*Full Stack Developer*

**Key Responsibilities:**

* Participated in **Agile Scrum** methodology for application development. Analysis, design, coding, unit, and integration testing of business applications in an object-oriented environment.
* Used **HTML5**, **bootstrap**, **CSS3**, **JavaScript** and **Angular JS** toDesigned dynamic and browser compatible pages.
* Developed various **AngularJS directives** to help build the functionality and UI behavior using **JavaScript, also** developed **filters** and angular services and responsive UIwith **AngularJS**, **Bootstrap and SASS**.
* Developed single page applications using **Angular 2components**, **routing** and **service** modules
* Developed **Angular 2Components, Services, Pipes** and took part in developing unit test and integration test casesusing **Jasmine, Karma** and **Webpack.**
* Used **Services** in **Angular 2** for **Cross-Component Communication** and dealt with reactive forms Validations.
* Consumed **REST services** using **Angular HTTP** and performed various **REST Http** operations for data retrievals and updates.
* Performed backend **REST Webservices** using **Angular**2 **Http** services to **get** and **postJSON** data.
* Applied Module wide **routing** using **Angular 2 Router** to enable lazy loading and developed components with route parameters.
* Developed both **reactive** and **angular forms** module to create template and data driven forms.
* Used **Angular CLI** for application **creation, compilation, limiting, running unit** and **integration** test cases and to create production ready code.
* **HTML**, **AngularJS**, **Bootstrap** for developing mock-up screens in the prototype to demo the application screens to business users and integrated dynamic pages using **AngularJS** and **JQuery.**
* Involved in working with **XML** files as the Source and Target, used transformations like **XML** Generator and XML **Parser** to transform **XML** files, used **OracleXMLTYPE** data type to store **XML** files and worked on Querying and manipulation of the content using XQuery/XPath and XSLT.
* Implemented the logging framework in the **SOA** environment and Ensured Service design fits into overall **SOA** driven.
* Used major components like **Serializers**, **Parsers**, **Mappers**, and **Streamers** in Data Transformation Studio for conversion of XML files to other formats.
* Created single page applications with nested and multiple views using **Angular ui-router**, custom **directives** for reusable components used across the application.
* Developed Services, Business Delegate, **Pojo**, **Controller**,**Dao (**implemented transaction management in **DAO** layer**)** and extensively used **Core Java collections, Generics, Exception handling, Design patterns and java 8 features** like **Lamdas and Streams** for functionality, such as portfolio summary and user information also. Worked with **multithreading** and implemented **concurrent multithreading** as well.
* Used **JMS** (Java Mailing Service) API to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Extensively Implemented aspect oriented programming (**AOP**) features along with **hibernate** and**Springboot**, **dependency Injection** (DI) as well**.**
* **P**erformed the **ORM** mappings to map java entities to database tables and **HibernateCriteria** queries for data retrievals.
* Used Spring Core for **dependency injection/Inversion of control (IOC)** and **Hibernate** Framework for persistence onto oracle database.
* Used WS-Security for authenticating the **REST** messages along with encryption and decryption along with **JSON** for data exchange between application modules.
* Published **Rest** services for performing CRUD operations from database. Implemented **RESTFUL** web services using springboot and consumed using spring REST services.
* Developed REST clients using Spring REST template to interact with existing **REST micro services.**
* Focused on Test Driven Development (**TDD**) thereby creating detailed **JUnit** tests for every single piece of functionality before writing the actual functionality and wrote test cases to test the **Spring** DAO layer.
* Integrated **Spring** and **Hibernate**, configured logging and developed exception handling for the application**.** Used **Log4J** to capture the log that includes runtime exceptions.
* Involved in setting up **AWS** services with **EC2** instances, **S3** bucket, **IAM**, **RDS** took part in deploying application in **AWS a**long with writing and retrieving files to and from **AWSS3bucket** for UI to render data faster.
* Experience in creating and configuring **micro service architecture** for CDT Directory project and integrating with AngularJS application
* Implemented **Micro Services** based Cloud Architecture on **AWS Platform** and **Cloud Foundry.**
* Developed scripts for build, deployment, maintenance, and related tasks using **Jenkins**, **Docker**, **Maven.**
* Configured **Maven** to create docker images for **microservices** and pushed it to **Amazon ECR.**
* **C**reated Batch Services to generate reports using Spring Batch and used **Mockito** for Behavior Driven Development (BDD) and developed scripts for build, deployment, maintenance, and related tasks using **Jenkins**, **Docker**, **Maven.**
* Deployed and Monitored **Micro Services** Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry
* Implemented **Micro Services** based Cloud Architecture on AWS Platform and Cloud Foundry.
* Manages platform admin functionalities including testing and exploring new releases of **Tableau**Application and drivers.
* **I**nvolved in configuring builds using **Jenkins** with **Git**, **Gradle** plugins, configured and used **Jenkins** to deploy the applications onto **Dev, QA, UAT** environments.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing environment using **Selenium IDE, Selenium Grid.**
* Coordinated with QA team for development of test plan, test cases, test code and responsible for defects allocation and resolution of those defects using **Selenium**.
* Wrote test cases using **JUnit** as the Unit testing framework and **Selenium** as automation testing for the developed Java applications.
* Performance tuning to identify and solve possible bottle necks in the application. Ensured code quality using tools like **Find Bugs** and **Jenkins.** Used **Gradle** plugins, **Git** for Version control, **Source tree**, **Jira** for project tracking, **Confluence** for project Wiki.

**Environment:** Java 8, J2EE, Struts, Spring 4.3, Spring boot, Spring AOP, Hibernate 4, JMS, CVS, REST, log4j, JUnit, Jenkins, Gradle, XML, Ajax, XSD, java Script, JQuery, Angular-JS 1.5, Mango DB, Linux, Tomcat, Spring Tool Suite(STS), IBM RAD, Jenkins, docker and Load Runner,selenium, maven.

**Speridian Technologies, Kansas City, Missouri Oct’14– July’16**

*Full Stack Developer*

**Key Responsibilities:**

* Followed **Agile** methodology and involved in daily **SCRUM** meetings, sprint planning, showcases and retrospective.
* Involved in designing, developing and testing browser compatible web application by using the **HTML5, CSS3, Bootstrap**, and **ReactJS**.
* Created State full and Stateless **React** components using **ES6, JSX** andtookpart in setting up package.json for various application dependencies.
* Configured **webpack** to use various module loaders such as style loaders, JS loaders and used babel presets to convert the code to **ES5**.
* Developed thearchitecture based on **Redux** for single page application using functional programming best practices to enable efficient pure function testing
* Involved in using **React JS, CSS3 media queries, and SMACS** to build the responsive UI for desktop, tablet and mobile.
* Developed a single Isomorphic responsive website that could be served to Desktop, Tablets and Mobile users by working on responsive design using **React JS.**
* Implemented many **React frameworks** like **material UI, MUI, React-bootstrap, React-Toolbox and ElementalUI**.
* Developed prototypes for mockup screens to demo the application screens to business users using **HTML5**, **CSS3**, **React JS, Material UI.**
* Thoroughly performed unit testing and integration testing using tools like **JEST** and**Enzyme**.
* Used **java 8** features like **Streams and functional Interfaces.**
* Created server side **REST** services using **Spring Boot** and used **Spring cloud** to load dynamic configurations.
* Developed the DAO layer for the existing applications using **Spring, Hibernate** and developed various business logic and reports using **HQL** and **Hibernate** Criteria.
* Used **Spring**Framework for **Dependency injection** and integrated with **Hibernate**.
* Configured **Hibernates** second level cache using EHCache to reduce the number of hits to the configuration table data
* Consumed **restful** web services using apache **HttpClient** for the data coming from external systems.
* Developed **Spring JMS** message listeners to consume **JMS** messages from queues and used **Spring** transaction management to manage the transactions in the application.
* Used **Spring** Framework at Business Tier and uses **Spring** container for initializing services and used Spring Core Annotations for **Dependency Injection** such as Bean, Component, Repository, Autowired etc.,
* Involved in designing and developing the **JSON, XML Objects** with **NoSQL** database like**MongoDB**.
* Worked on **MongoDB** database design and indexing techniques.
* Responsible for setting up **Jenkins** in **AWS** for Continuous integration and enabled web hooks to trigger the builds and used **cloud formation** to create the Jenkins stack in **AWS**.
* Used **AWS Elastic bean stack** to run the application backend and used **AWS Code pipeline**continuous delivery service.
* Created various unit test cases and integration tests for the DAO, Service, and Controller components **using JUnit, DbUnit and Spring Test support.**
* Developed scripts for build, deployment, maintenance, and related tasks using **Jenkins**, **Docker**, and **Maven**. Used**Gradle** plugins,**GitHub** as a version control, and **JIRA** for tracking bugs.

**Environment:**ReactJS 15(Redux architecture), ES6, Spring, Spring Boot, Tomcat 8, Spring Cloud, Hibernate, RESTFUL API, JMS, JEST, Enzyme,WebPack, XML, Ajax, XSD, java Script, JQuery, HTML5, CSS3, Oracle DB, Linux, Jenkins, docker, Gradle, AWS, Junit, log4j, maven

**United Health Group, Minneapolis, MN Aug’12 – Sep’14**

*UI/ Java Developer*

**Key Responsibilities:**

* Participated in **Agile Scrum** methodology for application development. Analysis, design, coding, unit, and integration testing of business applications in an object-oriented environment.
* Designing a user Interface by extensively used **HTML, CSS, JavaScript, Ext JS** and **JQuery**.
* Developed html views with **HTML5, CSS3, JSON** and **Ext JS**. Responsible for setting up **Ext JS framework** for UI development.
* Created **Ext JS** custom UI components and implemented UI **MVC** framework.
* Responsible for making **AJAXCalls** for getting the Data back as **JSON** and parsing it onto the UI and UI Interactions to the **Controller Actions** using Ext JS.
* Involved in Enhancement of existing application like creating **HTMLnavigation** menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of **XML** utilizing ExtJS.
* Work closely with IBM rules engine to implement custom rule explorers to parse the rules, gather the type of data used and enrich the feed with actual data.
* Troubleshooted and resolved production tickets in a timely manner. Responsible for deployments of the application in pre-production environments.
* Design and Implementing new features/enhancements. Analyzed and refactored service implementation to reduce **SLA** by applying optimized solutions.
* Interacted with different data providing teams by creating web-services (REST based). Created custom **REST** APIs using spring boot. REST APIs design and development - framework based on **JAX-RS**, **Hibernate** and **spring**.
* Created test suites and **JUnit** for different modules, collected and documented requirements for new forecasting models.
* Experience in JSF (Java Server Faces) with Primefaces.
* Updated many pre-existing functional tests to reflect enhancement/changes in the code. Creating test cases with good functional and code coverages and help with automation of test suites.
* Extensively used **Agile methodologies** - Scrum Programming concept plan work for every iteration and used continuous integration tool to make the build passes before deploying the code to other environments.
* To automate the build process developed **Maven** scripts for various tasks and for the deployment of the application in JBOSS server by generating **WAR** and **EAR** files.
* Used Rally to keep track of iteration work which used to end for every two weeks. Helped in fixing bugs and maintained the current production code for other parallel projects.
* Used **Jenkins** for Continuous Development and Continuous Integration. Built, deployed various components using Jenkins fusion.
* Attended daily status meetings with the development and project management teams to discuss status, project timelines and testing strategies.
* Used Slack to communicate during daily work and while release days. Experienced on version control system **GIT**.

**Environment:** Java 7/8, HTML, CSS, JavaScript, Ext JS and JQuery, Spring, GIT, Apache Tomcat, Jenkins, IBM Rules and Decision Center, IBM Rule Designer, JRules, web services, Junit, maven.

**Sony, Irvine, CA Sep’09 – July’12**

*Web Developer*

**Key Responsibilities:**

* Followed Agile methodology and involved in daily SCRUM meetings, sprint planning, showcases and retrospective.
* Designing a user Interface by extensively used**HTML, CSS, JavaScript, Angular JS** and **JQuery**.
* Interact with Team lead and project manager regarding the requirement design.
* Worked in a team, involved in developing the UI, layout and front-end programming (HTML) for the web application that matches requirements.
* Was involved in the design, development and implementation of a Client front end using java **Swing**.
* Co-ordinate with BA group for the better understanding of functional requirements analyzed and designed the business requirements to documented and implemented.
* Excellent Coordination in project activities and ensure that all project phases are followed and documented properly.
* Creating Front-end Applications using **HTML, CSS and JavaScript.**
* Involved in improving the user experience as per the **UX** team guide lines.
* Developed web pages applying best standards
* Utilized **JavaScript** and **jQuery** to improve overall design and UI of campaign websites.
* Involved in implementation of MVC pattern using **AngularJS**.
* Implemented **RESTful Web Services** for other applications to communicate.
* Experience in developing applications using **AngularJS Bootstrap** like Grids, Toolbars, Panels, Combo Box and Button etc.
* Used software configuration management and **version control** tool - **GIT**.
* Worked alongside backend Java programmers to troubleshoot Java Script related issues with frontend connectivity.
* Worked in **Agile (Scrum)** environment.
* Participated in maintenance and production support.

**Environment:** JavaScript, HTML5, CSS3, jQuery, JSON, AJAX, DHTML, XML, JSP, Agile, AngularJS,

Bootstrap, MVC, PL/SQL.