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SUMMARY:

- ➢ Around 4.2 years of Information Technology experience in the field of software design & development of exceptional customer facing omni channel responsive web pages and services using **NodeJS, Angular, Java, REST, HTML and CSS**
- ➢ Customer obsessed team player delivering exceptional web applications with continuous passion towards technology and business.
- ➢ Involved in Agile methodology of Software Development and adopted Spotify work culture having rich expertise in working within and across teams and roles.

EMPLOYMENT

Software Engineer	Fidelity Investments	Jan 2016 - Present

Languages & Technologies Used: NodeJS 6.9.5, NPM 4.0.2, AngularJS 1.5 & 4, HTML5, CSS3, jQuery, MochaJS, Expect, Docker, Java 1.8 , Spring 3.0.,REST, Apache Maven 3.5.0, IBM Process Designer 8.5

Project: Digitization and Automation Of Services
Brief description of the project:

Millions of customers browsing Fidelity.com website for placing trades, buying funds, writing checks, checking balance, adding account features and numerous functionalities often are not able to complete transactions online as they call in phone representatives for assistance in going through the process. This primilarily happens because there are n number of transaction flows in Fidelity.com and some of the systems and experiences are outdated with respect to technology as they were developed years back.

Digitization and Automation of Services being one of the most critical projects of the firm aims to provide seamless, responsive, customer friendly and omni channel end to end transaction experience for the logged in customer in order to reduce staggering call volumes which benefits Fidelity directly by cutting down costs involved in every single call that the customer makes and being a true digital company serving customer needs end to end online.

Major Assignments:

- ➢ Created responsive omni channel web page experiences using **HTML5** and **CSS3** features that allows customers to view various Fidelity.com transactions in any device and resolution.
- ➢ Created a **POC** that will enable **NodeJS** to cache submitted customer data in order to make fresh backend calls to get the most recent data during page refresh so that the customer can see the most recently available information with respect to account balance, market price of a security and various other events.
- ➢ Implemented two way routing for various web pages and transactions in a **NodeJS-Angular4.0** application wherein application routes are configured using Express and front end routes are configured using **RouterOutlet.**
- ➢ Designed and developed a module in **Angular 4** which cascades submitted customer data from one component to a different component using **RxJs** Store module.

➢ Implemented synchronous and parallel calling of various backends using Observables and Promises in **Angular** and Q's, request-promise and **Bluebird node** modules as needed to aggreagate data from different sources and process it with business logic.

➢ Created unit test case suites using **MochaJS**, **Sinon** and Expect which will mock the backend responses and unit test every controller, service and utility written in **NodeJS** to achieve more than 90% unit test coverage.

➢ Designed and developed various **Restful** web services that consumes logged in customer information from various legacy backend services and aggregates them with the business logic for the consumption of various front end experiences.

➢ Created a **POC** for connecting a **micro service** developed using **REST** with **IBM process** designer by cascading the submitted customer data for further backend processing.

➢ Designed and created an entire work process flow in IBM process designer to extract the saved data from Cassandra and to complete the transaction flow initated by customer by calling respective backend services and initiating manual representative flows.

➢ Developed an aggregator framework in **Java** that serves as a utillity to aggreagate backend response data by mapping it with a desired schema which needs to get returned back to the calling front end experience.

➢ Designed and created baseline code setup and skeleton having **Node** and **AngularJS 1.5 & 4.0** that enables a web application to be successfully launched on **Express server**. Also created code structure and configuration for build and deploy through **Docker.**

➢ Serving as a configuration manager for the Team, I am responsible for creating and maintaining Jenkins build pipelines for both **Java Maven** based **micro restful services** and also **Docker** based front end applications with **Node and Angular.**

➢ Created various virtual assets of backend responses through **Parasoft Virtualize** that will allow development, functional testing and performance testing to happen with mock data during actual service downtimes or unavailability.

Senior Software Engineer	IGATE Global Solutions(Chennai)	Dec 2013 – Jan 2016

Languages &Technologies Used: J2EE (JDK 1.6& 1.7, Hibernate 3.2.1, Spring 3.0, REST based Web Services, Maven, jQuery, JavaScript, CSS,HTML, YUI),SQL

Client : GE Capital Americas
Project: Workflow
Brief description of the project:
        Workflow is an application for GE bank users for Loan approval process. Application includes various approval stages. 'Salesforce.com' is the input for the application. Once the data is received from Salesforce, loan approval process will start in Workflow. Several approvals have to be completed for a particular loan to be sanctioned to the borrowers. Once a Deal (particular loan) gets approved, sanctioned amount will be funded to borrower. If the borrower wants to extend the loan amount, again Worfflow application will create a Modification for the corresponding deal. It will also have some other approval process similar to deals. Finally data will flow to another interface called BEX. From there it will flow to several other interfaces like ACBS, SAM etc.

Major Assignments:

➢ Designed and Developed a single mandatory modal window using **Yahoo UI, JavaScript, JSP, jQuery and Dojo** in front end to gather and populate all the mandatory fields from various pages and tabs which are

missed to enter by the User during form submission of a Deal(Loan) setup and approval process with all business and mandatory validations.

➢ Developed various modules in Modifications(Extension of Deal) to accept various fields and functionality of Document Upload of all the required data.

➢ Analyzed, designed and developed a **Restful webservice** to send all the data entered in Capital Structure page(Loan Process filling form) to another interface called BEX in XML format to get the confirmation response from BEX,SAM and ACBS which are the applications responsible for Loan dispersal and documentation.

➢ Designed and developed a **Restful webservice** to update **SalesForce.com** about the information of booked deals i.e deals which are complete or approved by Workflow application with all the deal and borrower details.

➢ Developed and delivered a POC to send data from Workflow to SAM(Documentation application) through **JAVA** Message Queues.

➢ Created various documents like **Low Level Design, Unit Test Plan, UML Diagrams, jUnit** test cases and Defect Sheet for all the mentioned modules.

Client : GE Aviation
Project: Digital Data Services
Brief description of the project:

Digital Data Services is a OSGI framework web service application providing data services to all the GE Aviation applications. All the transactions and information about aircraft applications such as Engines, Parts, Events, Utility, Warranty, Inquiries, Portal etc are retrieved from various databases or consumed by web services from different applications and exported as a web service to GE Aviation applications.

Major Assignments:

➢ Designed and migrated all the GE Aviation application bundles to **JBOSS Fuse 6.1** environment in order to support efficiency in handling the web services and the response.

➢ Designed and developed various **Restful web services** that exports data from databases and also from different **REST** and **SOAP** service endpoints of various applications to required GE Aviation applications according to the requirement.

➢ Designed and developed a **POC** to consume a **SOAP** service from an endpoint and derive various data from database to export it as a Restful web service to an externalized iOS application outside GE network.

➢ Registered all the web service URL endpoints in Sentry network and Systinet for client delivery using **Swagger JSON.**

➢ Created documents such as Low Level Design, Unit Test Plan, Defect Sheet for all the mentioned modules.

EDUCATION

Qualification	Institution	Year of Passing	Percentage
B Tech (Information Technology)	Sri Krishna College of Technology, Coimbatore	2013	70.5