Professional Summery

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Ramanuj Mishra

Full stack Developer

Full stack developer with over 14+ years of experience in various areas of software development and IT technologies. Specialized in Angular, Java, Spring Boot, Struts2, Hibernate, Spring MVC, Oracle. Enthusiastic, self-motivated, ability to work in a team, manage a group of people, manage projects and clients, develop and implement new software codes, cope well within a fast-paced setting, communicate effectively at all levels, and interact supportive within a team environment.

Technical Skills

* **Frontend Framework** Angular, Ionic, React native, Jquery, Ext JS, Telerik Kendo
* **Design skills** Object Oriented Analysis and Design(OOAD), J2EE Design Pattern
* **Language** Java, XML, HTML 5, CSS 3, Java Script, Typescript
* **Web Services** RESTful, SOAP
* **Backend Framework** Spring Boot, Spring MVC, Spring Web Services, Hibernate, Struts
* **Middleware** Apache Tomcat, JBoss AS, Websphere AS
* **IDE** Intellij**,** Visual Studio Code, Eclipse, RAD, Android Studio
* **Source Control** Git Hub, Bit Bucket, Git Lab, SVN, MKS
* **Database and Tools** Oracle, MS SQL, SQL Developer
* **Operating Systems** Windows, Linux, macOS
* **Methodology** Agile scrum, Test Driven Development (TDD),
* **Build& Testing** Red HatOpenShift, Ansible, JFrog Artifactory, Bamboo DevOps, Azure DevOps, Git Ops, Maven, JUnit, Postman, Swagger API, Karma, Jest, Selenium, Docker, Kubernetes
* **Other Tools** Jira, Confluence, Kibana, Open Search, Adobe analytics, Dyna-trace, Threat matrix, Checkmarx, Veracode, SonarQube, Argo-CD, CMS/WEM Server, Figma design

Education

* Master degree in Computer Science - **2005**

Awards

* B2B Bank Performance award, 2017 – 2018
* B2B Bank Initiative award, 2016 – 2017

Work Experience

**Bank of Montreal (BMO) Apr 2022 – Till present**

**Dev lead – Full Stack Developer**

**Project: Interac Verification Service (IVS) / Verified Me (V.Me)**

Interac verification service helps Canadians to verify their personal information online, in-person or by using mobile device to sign up for new digital service. It allows users to authenticate themselves quickly and securely by establishing a trusted connection with their financial institution using their login information.

* Developed Spring boot application and Restful web services API
* Consume 3rd party Restful web services API
* Developed modular Angular application for web using Angular 10 later upgrade to Angular 14
* Developed Ionic, Angular mobile app
* Developed various HTML5, CSS3 and JavaScript /Type script based UI component
* Implements AODA compliance for the application
* Integrated 3rd party Bio-catch library as part of biometric security
* Creating Docker image using JFrog Artifactory
* Configure and use Argo-CD ’s Kubernetes to deploy the JFrog Artifactory docker image
* Utilized Postman API client to test Restful web services
* Managed and support vendor services
* Contributes to overall product development strategy and approach alongside other development leads
* Communicate between Product Owner, scrum team member and Solution architect to track progress towards the goal
* Managed several production release activities
* Help Production support team on Production deployment with 100% success rate.
* Participates in project review meetings to provide updates on progress
* Communicate to the vendor teams to ensure the seamless implementation

**Technical Environment**:

Java 11, Spring boot, Spring Security, OAuth2, Restful web services, Oracle , Mongo DB, Swagger API, Angular 10 and 14 , Ionic 5, Freddy UI Framework, HTML 5, CSS 3, JavaScript, Adobe analytics, Google tag management, JSON, Karma/Jest, RSA Security, OpenShift, Argo-CD ,JFrog Artifactory, Ansible, JUnit, Git hub, Azure CI/CD, Agile Scrum, Jira, Confluence, Veracode, SonarQube, Figma design and prototyping platform, Android studio, Intellij, VS Code

**Bank of Montreal (BMO) Mar 2021 – Apr 2022**

**Dev lead – Full Stack Developer**

**Project: Digital Onboarding control (DOC)**

It helps prospective customers to choose product like credit card, debit card, new to Canada, Chequing and saving account etc. to continue the digital onboarding application to become a BMO customer.

* Developed modular Angular application for mobile and web
* Developed various HTML5, CSS3 and JavaScript /Type script based UI component
* Integrated 3rd party Acuant SDK in the application
* Integrated 3rd party Bio-catch library as part of biometric security
* Developed various Restful web services API and Angular services to consume the services
* Creating Docker image using JFrog Artifactory
* Configure and use Argo-CD ’s Kubernetes to deploy the JFrog Artifactory docker image
* Utilized Postman API client to test Restful web services
* Angular upgrade from 10 to Angular 14
* Developed and performed Unit testing of the application
* Developed proof of concept
* Participates in project review meetings to provide updates on progress
* Coordinates with internal teams to ensure the seamless implementation
* Contributes to overall product development strategy and approach alongside other development leads
* Help Production support team on Production deployment with 100% success rate.
* Communicate between Product Owner, scrum team member and Solution architect to track progress towards the goal
* Managed several production release activities
* Provide technical help to team members and others

**Technical Environment**:

Angular 10 and 14 , Acuant SDK, Splat UI Framework, HTML 5, CSS 3, JSON, Karma/Jest, Java 11, Spring boot, Restful web services, Oracle , MS SQL, Swagger API, Pl/SQL, JUnit, Adobe analytics, Google tag management, Bio-catch, Threat matrix, OpenShift4, JFrog Artifactory, Ansible, Git hub, Azure CI/CD, Agile scrum, Jira, Confluence, Veracode, SonarQube, Figma design and prototyping platform, Android studio, Intellij, VS Code

**MINISTRY Of CHILDREN, COMMUNITY AND SOCIAL SERVICES (MCCSS) Jan 2020 – Jan 2021**

**Senior Software Engineer – Full Stack Developer**

**Project: FRO Online Authentication**

FRO Online Authentication is a role based application.

* The function share to establish token based authentication and authorization with central system called Public secure. Self-registration/Enrolment with Family Responsibility Office, Un-enrolment, User login for Family Responsibility Office via public secure and logoff from application, Establish communication between Oracle identity manager and Siebel system.
* Developed a Java Spring Boot and Angular based application
* Developed various HTML5, CSS3 and JavaScript /Type script based UI component
* Used SAML Security for Identity Provider to access the portal and Oauth2 security to access REST APIs.
* Developed various Restful web services API and different Angular services to consume the services
* Developed Spring Boot micro services to communicate with different systems
* Developed Single Page Application (SPA) system using Angular 8
* Implements AODA compliance for the application
* Developed Localization and Internationalization using i18N of the Angular application
* Utilized Postman API client to test Restful web services
* Performed Unit testing of the application using JUnit and Angular unit testing using Jasmine and Karma
* Used Draw.io for preparing application workflow
* Prepared technical design and documentation

**Technical Environment**:

Java 11, Spring boot Micro services, Spring security, Maven, OAUTH2, Angular 8 , SAML, Type Script, JavaScript, HTML 5, CSS 3, XML, JSON, Restful web services, Siebel, Oracle Identity Manager, LDAP, JUnit, Apache Tomcat, Postman, Karma, Jasmine, Git Lab, Putty, Maven, Azure, Draw IO, Intellij, VS Code

**B2B BANK Aug 2015 – Nov 2019**

**Senior Software Engineer – Full Stack Developer**

**Project: Mortgage Origination System (MOS)**

Mortgage Origination System (MOS) - Is a full stack role based enterprise wide Mortgage system for B2B Bank use.

* The scope of the project is to extract deal data from Express input by broker/agent; workflow management; borrower credit verification via ASAP system; legal documentation generation; deal fee management; borrower naming/address registration; borrower mortgage and/or line of credit registration via LBC system as well as rate, user, role, audit management and report.
* MOS is a multi tiered Java based web application based with loosely coupled integration to external systems via web service. MOS has three modules to take all the responsibilities above.
* Developed a Java based Multi-threaded, Spring Boot and Angular based mortgage application
* Developed various RESTful APIs and Angular services consume RESTful web services
* Integrate and configure AWS S3 client and upload the document to the S3 bucket.
* Use SOAP to send and receive data of the 3rd party clients through IBM Integration BUS to integrate the system
* Developed data pulling from Express to MOS using Quartz and MDB
* Developed ASAP callback web module
* Build Docker image and deploy using Jenkins CI/CD
* Developed Single Page Application (SPA) system using Angular 6 and upgrade to Angular 7
* Developed various HTML5, CSS3 and JavaScript /Type script based UI component
* Used 3rd party Kendo UI Angular data grid to display data in grid form.
* Prepared various charts using 3rd party Kendo UI Charts
* Prepared application workflow using UML and Draw.io
* Created technical design and documentation
* Utilized Postman API client to test RESTful web services
* Performed Angular unit testing using Jasmine and Karma
* Performed application Unit testing using JUnit
* Reviewed developed codes

**Technical Environment:**

Java1.8, Spring boot, Spring Security, Spring Web Services, Spring cloud, SAML Authentication, AWS S3 service, Node.JS, Angular 6 and 7, HTML5, CSS3, Type Script, RESTful web services, JSON, SOAP Web Services, XML, Kendo UI, Hibernate, Oracle10g, RDBMS, SQL Queries, JBoss AS, Postman, Swagger API, Karma, Jasmine, JUnit, Checkmarx, Git SCM, Maven, MS SQL Server Management Studio, Putty, Azure, Jenkins CI/CD, OAUTH2, UML, Draw.io, Intellij, VS Code, RAD

**ALTEN CALSOFTLABS – AN ALTEN GROUP COMPANY Aug 2012 – May 2015**

**Technical Lead – Full Stack Developer**

**Client: Symmetricom/ Microsemi**

**Project: Time Pictra 10.0 – Time Pictra 10.5**

TimePictra10.x is a next generation Element management/Network management system. It has Data of FCAPS (fault, configuration, accounting, performance, and security).

Time Pictra also provide data replication mechanism.

* Developed a Java NIO, Multi-threaded, Spring 3.0 and Hibernate 4.0 based application
* Designed an Ext JS/Tomcat/Oracle/Spring/Hibernate based 3-tier web application
* Designed and developed system generated alarms collection for Time Pictra system
* Developed custom drag and drop features using Ext JS API
* Developed High availability mechanism using Spring, Hibernate and database triggers

**Technical Environment:**

Java 1.8, Spring MVC, Spring Web Flow, Spring Security, SOAP, XML, Hibernate, RDBMS, JMS, Ext JS, HTML5, CSS3, Oracle10g, MySQL5, Stored Procedure, JUnit, Checkmarx, Selenium, Maven, Apache Tomcat, MKS SCM, DB Visualizer, Putty, Go Global, MS Visio, UML

**CAPGEMINI Apr 2011 – May 2012**

**Senior Java/J2EE Consultant**

**Client: Standard Chartered Bank**

**Project: eOps**

The objective is to make the workflow, data entry simpler and more effective.

* Developed Pseudo code for various functionality
* Participated in development of different module e.g. Dyna Screen, Inbox, Auto Monitoring, Steps and Task module

**Technical Environment:**

Java, Spring MVC,Spring Web Flow, Maven, Hibernate, XML, JSP, Oracle, SQL Query, SQL Stored Procedure, Jquery, JBoss, File net, JUnit, SVN, UML,HTML 5, CSS

**JSOFT SOLUTIONS – JSW GROUP COMPANY Nov 2010 – Mar 2011**

**Senior Java/J2EE Developer**

**Client: JSTW**

**Project: CRS System**

CRS is a customized web-based application allows user department to create job request (JR) with proper information.

* Designed Logical data model for CRS Application

**Technical Environment:**

Java, Struts 2.0, Hibernate, JSP, XML, DHTMLX, HTML5, CSS, Oracle RDBMS, SQL Queries, Stored Procedure,

JUnit, Jquery, Apache Tomcat, SVN

**MINDFIRE SOLUTIONS May 2006 – Oct 2010**

**Senior Java/J2EE Developer**

**Project: BitProfitWeb 2.0 - Saunalahti Telecom Jul 2009 – Oct 2010**

BitprofitWeb 2.0 is developed for Saunalahti mobile service provider.

* Designed Logical data model and various module for their online system,
* Developed reports using Jasper report, Identified and fixed concurrency issue

**Technical Environment**:

Java, Spring MVC, Spring Web Flow, Maven, Hibernate, JSP, HTML, CSS, Oracle, SQL Queries, Stored Procedure, Jquery, Glassfish, Fusion Chart

**Project: Open 4 – Wedia Sep 2008 – Jun 2009**

Open 4 is an Eclipse RCP Plug in provides a feature rich frame work.

* Developed of Eclipse like presentation layer for Open 4 application

**Technical Environment**: Java, GWT, SWT, Eclipse Rcp, XML, Oracle

**Project: Plan System Web Solutions – Vengnnep May 2006 – Aug 2008**

Plan system 3 web solution allows staff of an organization worldwide to see the production progress from any Internet connection.

* Developed various modules for the client’s online system application, Developed Reports using Jasper report

**Technical Environment**: Java, Struts1, JSP, EJB, Java script, YUI, Ajax, Apache Tomcat