A technocrat with 5 years of experience in Information Technology, as a Front-End Web/UI Developer with focus on software development life cycle involving analysis, object oriented design, development, testing, documentation, support and maintenance of web applications.

**Summary:**

* Experience in Web & Mobile Application Development using **HTML5, CSS3, Bootstrap, JavaScript, ReactJS, NodeJS, jQuery, AJAX, JSON and native Android**
* Involved in all aspects of Software development methodology including Requirement Analysis, Design Specification, Implementation, Testing and deployment of Enterprise and Web-based Applications
* Experience in building Single Page Applications (SPA) using Model View Controller (MVC) and various JavaScript frameworks such as NodeJS, AngularJS, Bootstrap and ReactJS
* Experience in writing code to interact with APIs, Web Services using AJAX and JSON
* Familiarity with native Android for mobile applications and web API interactions
* Involvement in performance related tasks using reusable UI components and classes, automatic job scheduling and reducing the number of SQL commands via batching.
* Experience in using NodeJS and ExpressJS for making calls (GET, POST, PUT, DELETE) for triggering or fetching data from Restful API's provided by the back-end team.
* Experience in developing pages for front-end using vanilla JavaScript, jQuery and ReactJS
* Knowledge in ReactJS for creating interactive UIs using One-way data flow, Virtual DOM and JSX concepts
* Strong experience in working with RESTful Web Services
* Knowledge and experience in working with SASS/LESS as CSS preprocessors and modern techniques such as Flexbox and Grid.
* Solid understanding of React Virtual DOM Algorithm for performance optimization
* Highly skilled in developing web pages complying with Web Content Accessibility Guidelines (WCAG) and ability to apply W3C web standards.
* Experience in responsive web design with the UI being multi-device compatible (Desktop, Tablet, Mobile - iOS, Android) and cross browser compatible.
* Experience in Software Development Life Cycle (Maven, Gradle, JUnit and Jenkins).
* Used Bootstrap and Media Queries to create responsive web pages.
* Familiarity with Relational and NoSQL databases - Oracle, MySQL, SQL Server, SQLite, PostgreSQL, MongoDB and Firebase. Hands on experience writing SQL queries.
* Use SVN and GIT for version control and error reporting and project management tools like JIRA and Bugzilla.
* Developed expertise in Integration Testing, User Acceptance testing, GUI testing, back-end testing, End-to-End testing and Unit Testing for Client/Server applications.
* Hands-on experience with Agile/SCRUM and Test Driven Development (TDD) methodologies
* Utilize software development practices, data and testing standards, code reviews, source code management, continuous delivery and software architecture.
* Driven to maintain cutting-edge industry knowledge and technical skills, through independent and formal training
* Strong collaboration, communication and problem solving skills and pursuit for the next technical challenge; learn and grow.

**Education:**

* Bachelor of Science in Electrical Engineering

University of Alberta - Edmonton, AB

* Certificate in Full Stack Web Development Bootcamp (MERN Stack)

University of Toronto School of Continuing Studies - Toronto, ON

* Certificate in Android Basics Nanodegree by Google; Udacity

**Skill Set:**

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| --- | --- |
| **Languages** | Java, HTML, JavaScript, Perl, Bash, Python, PHP, MATLAB, R, Ruby, C, C++ |
| **Web Technologies** | HTML5, CSS3, SASS, LESS, Bootstrap, JavaScript, JQuery, AngularJS, Express.js, Handlebars, MVC framework, Webpack, Restful web services, React, Node.js, AJAX and JSON. |
| **Middleware** | Web Services (REST), Servlets, JDBC, XML and LDAP |
| **Application Servers** | JBoss |
| **Operating Systems** | Windows 7/8/10, Android, Red Hat Enterprise Linux, Ubuntu and Mac OSX |
| **Web Servers** | Apache Tomcat, Docker and Jboss |
| **RDBMS** | SQL Server, MySQL, PostgreSQL, SQLite, PL/SQL, NoSQL, MongoDB, Firebase, AWS S3 and Oracle |
| **Persistence** | JPA and Mongoose |
| **Frameworks** | Flask, Django, NodeJS, Grails, Sinatra and Bootstrap |
| **IDE’S and Tools** | NPM, Eclipse IDE, Notepad/Notepad++, Sublime Text, Bower, Grunt, Gulp, Android Studio and Visual Studio Code, Atom, Brackets, Vim and Nano |
| **Debugging Tools** | BugZilla, Chrome Developer Tools |
| **Testing Tools** | JUnit, Jasmine, Mocha and Chai |
| **Tools** | Make, Visual Studio, Ant, Gradle and Maven |
| **Version Controls** | Subversion, Bitbucket, Git, GitHub |
| **Other Technologies** | Map Reduce, Hive, Fisheye, Crucible, Hadoop, Google Compute Engine, Amazon Web Services (AWS), Jenkins, Nexus, Machine Learning, Business Intelligence, Haskell, circuit design, wiring, soldering, working with oscilloscopes, multimeters, Arduino, BeagleBone Black, Raspberry Pi, Texas ARM Cortex-M Microcontrollers, SQL Server Management Studio, SSIS, Agile, Confluence, Servlets & JSP, GSP. |

**PROFESSIONAL EXPERIENCE:**

**Nasdaq - Toronto, ON August 2018 – Till Date**

**Front-End/UI/ReactJS Developer**

**Project Description:** Develop for and support Canadian clients of Nasdaq’s proprietary risk management application.

**Responsibilities:**

* Contribute as part of the Equities Core Development team to develop, support and maintain Nasdaq’s proprietary risk application in core Java and Google Web Toolkit, JavaScript, jQuery, HTML5 and CSS3.
* Update the UI to include a new CSV download feature for the supported application.
* Involved in designing and developing the web pages using HTML5, CSS3, JavaScript, Bootstrap, SASS, LESS, React.js, Redux, Node.js and MongoDB
* Responsible to style, look and feel of the web page with SASS that extends CSS with dynamic behavior such as variables, mixins, operations and functions.
* Worked on ReactJS Virtual Dom and React views, rendering using components, which contains additional components called custom HTML tags.
* Involved in implementing various screens for the front-end using React.js and used various predefined components from NPM (Node Package Manager) and Redux.js library.
* Worked in using ReactJS components, Forms, Events, Keys, Router, Animations, and Flux concept
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Responsible for React UI and architecture and building components library, including Tree, Slide-View and Table Grid
* Used Node Package Manager (NPM) to manage modules & used it to install useful tools, such as Yarn, Grunt and Express.
* Developed the application on Node.js platform using JavaScript programming
* Research and report on performance optimization techniques in PostgreSQL that closely mimic existing implementations in Oracle.
* Implement SQL batch statements for database write operations resulting in dramatic performance improvement and responsiveness in the application.
* Fix bugs reported by clients and provide ongoing support to enhance applications.
* Used Scrum for agile development and participate in team led solutions, reviewing peer's code for quality and completeness.
* Use SVN and GitHub version control systems as source repositories to organize the code base.
* Collaborate with development teams in Australia and USA to tackle difficult problems and stay up-to-date on ongoing technical and business activities.
* Coordinate with QA personnel in India to help test features before major and minor releases.
* Provide technical support to help clients with their pressing needs and escalate issues to senior developers and management when necessary.

**Environment:** JavaScript, jQuery, HTML5, CSS3, ReactJS, NodeJs, Core Java, Google Web Toolkit, IntelliJ, GitHub, SVN, Chrome, PostgreSQL, SQL Server.

**FDM Group - Toronto, ON June 2016 – August 2018**

**Front-End/UI/ReactJS Developer**

**Project #1**

**Client: RBC Capital Markets | August 2017 – August 2018**

**Project Description:** Provide technical guidance, maintenance, troubleshooting expertise and support to local and international RBC employees across various development and project management tools

**Project #2**

**TD Wealth - Toronto, ON | October 2016 – July 2017**

**Project Description:** Modernize TD Wealth’s reconciliations infrastructure using a licensed software product and develop back-end Java applications for data and report generation activities associated with the project

**Responsibilities:**

* Designed and developed web pages using HTML5, CSS3, JavaScript, Bootstrap, SASS, LESS, ReactJS, Redux and NodeJS.
* Worked using ReactJS components, Forms, keys, Router, Animations, Events, Props and Flux concept
* Implemented stable ReactJS for reusable UI components and stand-alone functions.
* Worked on ReactJS virtual Dom and React views to render components, which contain additional components called custom HTML5 tags.
* Responsible in styling the look and feel of web page with SASS that extends CSS with dynamic behavior like variable, mixins, operations and functions.
* Implemented various screens for the front end using React.js and used various predefined components from Redux library and Node Package Manager (NPM).
* Responsible for ReactJS user-interface and architecture, building components library including Tree, Table Grid and Slide-View
* Used ReactJS to develop reusable components and templates for faster compilation
* Developed the ReactJS container and presentational components (as functional and stateless components when applicable)
* Used NPM to manage modules and to install helpful tools like Grunt and Express
* Implemented modules into NodeJS to integrate with designs and requirements
* Created single page application to dynamically render based on the JSON from Node JS server.
* Assist development teams across RBC with migration from SVN to GitHub while conforming to policies laid down by Governance and IT Risk teams.
* Answer Ad hoc queries from Capital Markets employees over phone calls and online chats and troubleshoot project, repository, build and permissioning issues.
* Worked as part of the Reconciliations Enhancement Project team in configuring and automating reconciliations using a third-party vendor software product, remote Linux and Microsoft servers and proprietary TD tools
* Develop an AJAX-based Python application using Flask for Identity and Access Management of Capital Markets employees.
* Collaborated on a final group project implementing a Project Management System using Spring, JDBC, Web technologies including Bootstrap and jQuery
* Schedule jobs to run daily using AutoSys workload automation tool

**Environment:** HTML5, CSS3, JavaScript, ReactJS, NodeJS, XML, Java Core, Eclipse, SVN, log4j, Mockito, Maven, I/O, JUnit, TDD, UML, Object Oriented Principles, Data Access, JDBC, Finance, UNIX, SQL, PL/SQL, Web Development, SQL Server, Web MVC, Bootstrap, jQuery, Linux, Windows.

**Spieker Point - Edmonton, AB December 2015 – May 2016**

**UI Software Developer**

**Project Description:** Assist in developing new plug-in features for Spieker Point’s core software product

**Responsibilities:**

* Design and develop software components using the Grails framework
* Responsible for developing the UI components using HTML5, CSS3, JavaScript, Bootstrap, JSON, jQuery and AJAX according to internal standards and guidelines.
* Used Bootstrap to make the web application responsive
* Implemented asynchronous functions and features by using AJAX and jQuery
* Used jQuery for implementing user-interactive drag-drop operations
* Develop features in Spieker Point's custom application by extending the plug-ins, in particular, a document store feature that allows users to store documents in Amazon S3 storage.
* Present implementations to senior developers and management for review.
* Debug the application using Chrome Developer Tool.
* Experience in maintaining a large number of files through SVN version control system
* Take part in design sessions and code review with fellow developers.
* Rapidly prototype new capabilities to confirm feasibility

**Environment:** HTML5, CSS3, JavaScript, GSP, JSTL, JSON, jQuery, Bootstrap, AJAX, Eclipse, MySQL, Grails, Amazon S3

**Investopedia - Edmonton, AB December 2013 – November 2015**

**Junior Web & Business Intelligence Developer**

**Project Description:** Support Investopedia’s day-to-day operations with small bug fix and testing on the website; develop the Business Intelligence infrastructure for analyzing and reporting historical and daily website traffic data

**Responsibilities:**

* Collaborate as part of the Business Intelligence (BI) team working on setting up a Hadoop-based data analytics framework for Investopedia.
* Designed web pages and components by using HTML, CSS and JavaScript
* Created business classes and base objects
* Utilized jQuery and JavaScript to improve the overall design and UI layout of the website
* Involved in troubleshooting JavaScript related issues with front-end connectivity
* Used JavaScript to implement client-side validations
* Script in Python, Bash and SQL to modify existing programs and develop new ones
* Develop automation methods to collect, process and present daily business data using available tools in Linux and Google App Engine.
* Write a major portion of the documentation for Investopedia’s Business Intelligence system.
* Maintain, update, test and debug various website features using HTML, JavaScript and PHP.
* Deliver presentations and daily updates on the weekly sprint work.
* Occasionally collaborate with Product and Infrastructure teams in minor roles as new requirements are provided

**Environment:** Python, PHP, JavaScript, Bash, SQL, Hadoop, Google App Engine, Business Intelligence, Data Analytics, Linux