

Mohammed Ayaz khan

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With over 5+ years in software development, I excel in Java/J2EE, mastering full SDLC, and web enterprise applications. I'm skilled in Web UI (HTML5, JavaScript, CSS3), Java 8, database management (Oracle, MySQL, Mongo DB) and version control (GIT). Additionally, I have hands-on experience with React for building dynamic and interactive user interfaces, as well as Node.js for server-side JavaScript development. I am experienced in Agile, TDD, Spring Framework, OOP, and cloud services like AWS. My adept handling of web development includes utilizing frameworks like Hibernate and Spring for scalable applications. Furthermore, I possess proficiency in API management and testing methodologies, ensuring seamless integration and robust application performance.

Career Experience

Full Stack Developer at Datto, Toronto, ON

August 2022 — Present

- Engaged in multiple stages of the Software Development Life Cycle (SDLC), including requirements gathering, modeling, analysis, design, development, and testing.
- Collaborated with business owners to facilitate a comprehensive understanding of the application.
- Created the user interface using React JS and Flux for Single Page Application (SPA) development, employing React-Router to convert the application into a Single Page Application.
- Employed React JS Virtual DOM and React views for rendering, utilizing components containing additional components referred to as custom HTML tags.
- Implemented various frontend screens using React.js and utilized predefined components from NPM (Node Package Manager) and the Redux library.
- Leveraged CSS classes defined in Bootstrap to further customize the appearance of page contents.
- Utilized NodeJS to build web applications with a client-server architecture, enabling two-way communication and data exchange between both.
- Incorporated Java 1.8 Lambda expressions and Streams for internal iteration and chain operations such as Filter, Map, and Collect on collection objects.
- Utilized Spring Boot extensively for web service development, implementing Spring Boot Microservices to partition the application into distinct sub-modules.
- Developed the application with various Spring Framework modules including Spring IOC, Spring AOP, Spring Boot, Spring Security, and Spring Batch.
- Employed Spring Security for the authentication and authorization of the application.
- Utilized design patterns such as Singleton, Spring MVC, Hibernate, Factory Pattern, and DAO.
- Implemented RabbitMQ message queuing for post-processing tasks after submission.
- Integrated RabbitMQ and the Spring JMS API to send and receive messages for the application's Restful API.

- Utilized Mockito for testing the application and implemented log4j for debugging, employing it for logging each sensible data access from the application.

Front End Developer at Sigma HealthTech, Toronto, ON

March 2021 — July 2022

- Analysed Designed and developed the web pages using HTML5, CSS3, Javascript, Typescript, Bootstrap, Tailwind, React Redux, Node JS, Mongo DB.
- Implemented Agile Methodologies SCRUM a lightweight framework, UI SDE for managing and controlling iterative and incremental projects.
- Used Redux Framework architecture (like Actions, Reducers, Dispatchers) for integrating the data with React Application.
- Used Gulp/Grunt task runner and combined with Node, Bower package manager to install JavaScript latest version of libraries like ReactJS.
- Implemented spring security by defining the necessary tags in the security.xml file and migrate access control from security.xml to method level security using spring annotations.
- Used React and Typescript to create custom components for data manipulations and to display data in company standard format.
- Developed end to end application with agile methodology and daily stand-up meetings.
- Implemented various screens for the frontend using Typescript and React and used various predefined components from NPM (Node Package Manager) and redux library.
- Used Redux Thunk Middleware, Redux-Promise in application to retrieve data from Back-End.
- Designed, developed and tested the web application by using the HTML5, CSS3, Bootstrap, React.JS and Redux
- Designed the CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
- Extensively used Redux Selectors to fetch the Data from the Cache.
- Involved in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Created the Redux/ngrx data flow by building the store, dispatching the actions, maintaining the store using Reducer and accessing the API Services using Effects.
- Written the test cases using the testing framework JASMINE and run those tests in the KARMA test runner.
- Used Jenkins for continuous integration.
- Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
- Altered existing UI layouts and created new layouts with SASS (CSS Pre-processor) to oblige new modifications in website design.
- Used Maven for Build automation, GIT for Version Control to track check-ins and rollback code.
- Enhanced application to PWA using service workers and web workers .
- Worked on Enhancing the Accessibility of the Web site and Achieved WCAG certification.
- Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features.

- Collaborated closely with Business Analysts to comprehend the technical requisites of each project, drafting use cases for various functionalities and designs.
- Programmed JavaScript to enable page functionality and implement Pop-up Screens.
- Employed Eclipse to extensively write HTML5, CSS3, Angular 9,10 and JavaScript code for crafting dynamic pages.
- Integrated AJAX functionality utilizing JQUERY, JSON, and XML.
- Developed client-side validation code using JavaScript and JQuery.
- Executed design processes post-client approval, constructing all assets including buttons, product shots, and UI components.
- Utilized a variety of JQUERY plugins to enhance Rich Internet Application (RIA) appearance for enhanced user intuitiveness.
- Created and deployed new features to maintain and enhance existing applications.
- Generated HTML prototype documents coupled with CSS Style Sheets.
- Devised dynamic client-side JavaScript code for constructing web forms, simulating processes for web application, page navigation, and form validation.
- Implemented various frontend screens using React.js, leveraging predefined components from NPM (Node Package Manager) and Redux library.
- Utilized React-Router to convert applications into Single Page Applications.
- Worked with Redux architecture, employing advanced Object-Oriented concepts to enhance website performance.
- Programmed JavaScript for page functionality and Pop-up Screens, incorporating DHTML to create dropdown menus on web pages and display specific sections upon user request.
- Designed multiple UI templates for the website, collaborating with team members to reach final decisions.

- Developed complex UIs with Angular 5/6, integrating Custom directives, Dependency Injection, Service and Factory creation, Advanced promises, Filters, and Angular forms.
- Constructed Angular 5/6 components and UI services to consume REST services, leveraging Angular 5/6's Component-based architecture.
- Contributed to creating an interface for managing user menus and conducting Bulk updates of Attributes using Node.js, Ext.js, and JQuery UI.
- Utilized various social media and digital media site-specific APIs to download and analyze data presented in diverse JSON formats.
- Collaborated on modernizing legacy and outsourced UIs, utilizing Angular.js and JQuery UI technologies.
- Played a key role in client-side coding with Angular.js framework and other specific frameworks.
- Developed a core analytics component using Node.js and Angular.js.
- Designed, developed, and tested HTML5, CSS3, Bootstrap, JavaScript, JQuery, and React.js components to adhere to accessibility and web browser standards.

- Created CSS templates for universal usage across website pages, focusing on CSS Background, positioning, text, border, margin, padding, and table styling.
- Implemented optimization techniques like sprite usage to enhance user experience by reducing page size and load times.
- Designed user interfaces using React JS and Flux for Single Page Application (SPA) development.
- Addressed cross-browser compatibility issues using React JS code across various browsers such as Mozilla, IE 7-9, Safari, and Firefox.

Education

Bachelor's Degree In Computer Science Engineering

Al habeeb college of engineering and Technology

Master's Degree In Post graduation, Information Security management

Fanshawe college

Technical Skills

Programming Languages: Java, C++, Python, SQL and PL/SQL.

Java Technologies: JSE, JDBC, JPA, JSF, AJAX, JSP, Servlets, EJB, JMS, JSTL, JNDI.

Web Technologies: HTML5, CSS3, JavaScript, AngularJS, Angular 2.0/4.0, Angular 6/7/8, Node.js, React JS, Bootstrap, XML, XSD, XSL/XSLT, AJAX, jQuery, JSON, Typescript.

Webservices: REST, JAX-RS, SOAP, JAX - WS, WSDL, SAAJ, SAXJ, Microservices, JAXB, CXF.

Application Servers/Web Servers: WebLogic, Web Sphere, JBoss, Apache Tomcat, Oracle.

Applications Frameworks and modules: Struts, JSF, Spring Framework, Spring MVC, Spring Boot, Spring Cloud, Spring, Batch, Spring Core, Spring Hibernate, Spring JDBC, Spring Security.

Databases: Oracle, MySQL, SQL Server, MongoDB, Cassandra DB, Couch DB, Postgres DB.

IDEs: NetBeans, Eclipse, IntelliJ, RAD.

Version Control Systems: CVS, SVN, Bamboo, GIT.

Tools Viewer: JUnit, Log4J, DOM.