Jaskaran Deol

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Summary

Result oriented and self-motivated Software Engineer working professionally on Commercial Enterprise level Web based applications from past 3 years in Canada. Have led numerous complex features development and delivery. Specialized in React & Node based frameworks for application development.

Skills

- Programming Languages: JavaScript (ES6+, Typescript), Java, Python
- Frameworks and platforms: Express JS, Node JS, Docker, React JS, React-Native
- Databases: MySQL, Oracle, SQLite, MongoDB, Redis
- Software Tools: VS Code, Jira, Confluence, Github & Gitlab, Sublime, Postman, Kibana
- Cloud: AWS (S3, ESC, IAM), Pivotal

Experience

December 2019 - PRESENT

Postmedia, Toronto, ON – *Software Developer*

- **Technologies**: React JS, Node, Express JS, MongoDB, Docker, AWS
- **Supporting Tool**s: Confluence, Jira, Gitlab, CircleCI

Team: Hub-Reporting

Hub reporting is a Data analytics app for the customers and internal employees which represents in depth analysis for the number of products breakdown for the ads and campaigns results across from fetched data from multiple platforms like Facebook, Google, Youtube, Spotify etc. App has many features like PDF reports, IM for clients and internal employees, order tracking system other then detailed breakdown of data for each product. Maintain and develop new features for Hub and common UX library. Develop and maintain micro-services for Back end. Documenting solution architecture for the high-volume online service reducing the TTM (time-to-market) by ensuring high code maintainability. Reverse-Engineering legacy modules related to business-critical progressive web application, resulting in uncovering and validation undocumented functional and un-functional requirements. Reviewing the quality of code for the business-critical progressive web application maintaining code and design consistency across different team members.

July 2018 – November 2019

Manulife, Kitchener, ON – *Front End Software Engineer*

- **Rotating Roles**: Scrum master, Agile coach, QA & QE, Solution lead, Release Manager
- **Technologies:** React, Node, Express, MongoDB, Web-driver

- **Supporting Tools:** Confluence, Jira, Gitlab, PCF, Jenkins

Team: Customer Portal

Customer portal app is about one common platform for users who owns more one Manulife's Products and the users are in millions. It's a platform where user can add Manulife products to the portal and view and manage their assets including support for e-documents from different B.Us. My responsibilities are pretty dynamic, but heavy on feature development. As part of Full-Stack, I Solution, Develop, DevOps & Test, which involves working with multiple frameworks and involves solutioning and developing reusable components while maintaining the high coding standards and also everaging best agile practices for monthly or semi-monthly product releases, including warranty period for Production which involves support to the production L2 team.

Code coverage and code quality is maintained to meet the sonarqube standards set by department and housekeeping work (Technical debt) by code refactoring improving code readability and documentation. Constant development and improvement for automation testing using web-driver and tool for regression testing of Customer Portal's App to ensure the Quality and stability of each environment.

Proof of Technology

Hackathon event October 2019

Event hosted by Global Team of Manulife, competition hosted internationally across countries. Worked in an Agile team to understand and solve the complexity of problem of Single consolidated view for multiple Manulife products available internationally. Developed and presented solution for dynamic data driven dashboard to render multiple products and their subcategories by leveraging the MUX (in house UI components library) components which are reusable and Manulife approved components and AODA compliant from get go.

Technology: React, Express, MongoDB

Manulife University January 2019

At MU, Classes coached by Software Engineers. Prof of technology was about
Solving a complex problem using new development practices we learned. Developed a Search service called "Smart Search", which was about having a central index for all the Manulife owned websites, as if today, those sites are bounded within themselves. A custom crawler service could crawl all Manulife owned website and web-apps, so that we can provide valid and accurate search results including secured search (if user is logged in.), also white or black listing results for certain users as per BU's will provide metadata on their Web Apps during crawling.

Technology: MongoDB, Express.js, Node, React, Elastic Search

Education

Information Technology Solutions, Enterprise Development   April 2018

Humber College (North Campus), ON

B.E (Information Technology)   August 2015

Lovely Professional University, Jalandhar, India