SHIVAM TANEJA

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EDUCATION

McMaster University - Hamilton, ON   EXPECTED GRADUATION: APRIL 2022

- Enrolled in B.A.Sc. in Computer Science, Class of 2022.
- Undergraduate Coursework: Software Foundations; Computer Architecture; Algorithms; Programming Languages Comparison of Learning Algorithms; Computational Theory; Calculus I; Discrete Mathematics II.

Languages and Technologies

Python, C#. C++, Java, SQL, C, Bash Scripting, LaTex, Django, Git, ASP.NET, DSL Query.
 Software:
ELK stack (Elasticsearch, Kibana, Logstash), OpenShift Container Platform, Visual Studio Professional, DaVinci Resolve (w/ Fusion), Jenkins, IBM UrbanCode Deploy, Microsoft SQL Server, Linux server, DB2, Kubernetes.

EMPLOYMENT

Developer (Agile Infrastructure) - Royal Bank of Canada   **Jan 2020 – Aug 2020**

- Automated the process of indexing millions of records while performing data deduplication, with AI analytics to mitigate incidents.
- Configured OpenShift container platform (OCP) to integrate Helios, Vault, and other technologies.
- Migrated GitHub and PCF scripts to OCP using Jenkins (w/ IBM's UCD) CI/CD pipeline.
- Data ingestion from OCP container to ELK stack running on PCF.
- Created script for alerting the Developers and fixing the inconsistencies in ELK stack and MSSQL.
- Build tools and web applications to assist with automation efforts.

Technical System Analyst - Royal Bank of Canada   **Sept 2019 – Dec 2019**

- Developed new features for backend application that access a SQL server database.
- Assisted with database modeling to improve performance, enhance security, and resolve any bugs.
- Created Dynamic ASP.NET scripts and pages to accommodate several databases.

TECHNICAL EXPERIENCE – Projects

- **Magneto (React, Python, Django)** (2019): Reward/Loyalty points tracking app that tracks your loyalty points, displays nearby stores, how to apply and redeem loyalty points.
- **SafeParkingZone-Android app** (2019). Using Java (android Studio), created a navigation app for the city of Chicago to show the nearest/safest (heat map) parking spots in respect to user's location.
- **TruPhase @BostonHack** (2018). Using BOSE's API, Python as back end language, and Arduino's microphone to record device's output for any discrepancy by comparing the frequency with predetermined database.

ADDITIONAL EXPERIENCE AND AWARDS

Top 5 in Innovation Challenge (Falls 2019): RBC inhouse hackathon-styled challenge lasting 4 weeks to prepare an idea with business, technical and impact on livelihood. (Reference available but no source code)
Challenge Winner (2018): Won BostonHack's OneDB challenge that uses OneDB cloud service to perform multiple algorithms.
Red Hats Certificate for

- OpenShift Development I: Containerizing Applications **(DO288)**
- Introduction to OpenShift Applications **(DO101)**
- Red Hat OpenShift Development I: Containerizing Applications **(DO288)**