

SHIVAM TANEJA

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EDUCATION

McMaster University - Hamilton, ON, Canada

Expected graduation: APR 2022

- Enrolled in B.A.Sc. in Computer Science, Class of 2022 (GPA 3.7 - 2020).
- 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++, Scala, Java, SQL, C, Bash Scripting, LaTeX, Django, Git, ASP.NET, HTML, CSS, JS, DSL Query.

Software

ELK stack (Elasticsearch, Kibana, Logstash), RedHat OpenShift Container Platform, Visual Studio Professional (ASP.NET), Podman, postman, Jenkins, IBM UrbanCode Deploy, Microsoft SQL server, Linux server, DB2, Kubernetes, DaVinci Resolve (w/ Fusion).

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 such as emailing system, DB2 and Oracle analytic, removing and adding backdoors for admin access, etc. 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 in-house 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**)