SMIT PATEL

Software Developer

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EXPERIENCE

Full Stack Developer Intern
Royal Bank of Canada

📅 Jan 2019 - Aug 2019   📍 Toronto, Canada

- Implemented sync functionality to synchronize data from **HDFS** to **AWS S3** Bucket using **Boto3** and **DistCp** to utilize **Spark** jobs and therefore increasing efficiency.
- Worked on various micro-services to implement REST API endpoints in different frameworks such as **Flask** and **Spring Boot**.
- Implemented endpoints in **Play Framework (Scala)** application to store data in **Mongo DB** database and retrieve data using **Reactive Mongo**.
- Implemented report generating feature by combining data from **MySQL** and **MongoDB** and displayed on UI.
- Constructed **Intake** Pipeline to automate onboarding process using **Jira** Service Desk and various web services.
- Developed **Regression Test** Bed to test end-to-end functionality of application thoroughly and deployed it as a Cron Job on various **OpenShift** clusters.
- Recognized as **Top 5** talents in Data and Analytics in the term of Winter 2019 and **Top 5** talents in Technology & Operations in the term of Summer 2019.

VP of Technology
Developer Student Clubs

📅 Sept 2019 - Present   📍 Toronto, Canada

- Organizing **Cloud Study Jam** events across campus for students interested in developer technologies, including those with diverse background and different majors.
- Leading teams for internal software development projects and teaching new technologies to junior developers.
- Helped students finish qwiklabs quest regarding NLP and Google Cloud Services and navigate the **Google Cloud Console**.

SOFTWARE SKILLS

Skill	Level
Python	●●●●●
Java	●●●●●
C++	●●●●○
Scala	●●●●○
C	●●●○○
Hadoop (HDFS), Spark, Airflow	●●●●○
Angular, React, Node.js	●●●●○
Android	●●●●○
AWS, GCP, Azure	●●●●○
MongoDB, MySQL, Neo4J, Atlas	●●●●●
Docker, Openshift, Kubernetes, Jenkins	●●●○○
Alogrithms, Data Structures	●●●●●
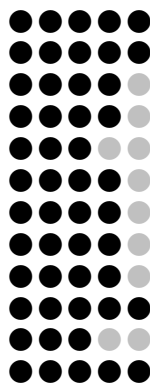
INTERESTS

- Big Data (Hadoop & Spark)
- Cloud Technologies
- Machine Learning
- Artificial Intelligence

EDUCATION

Bachelor of Science
University of Toronto

📅 2017 - May 2021   📍 Toronto, Canada

- Computer Science
- Specializing in Software Engineering
- $ Awarded **UofT Scholars Program** Scholarship of $7500

PROFILE

- Motivated individual with optimistic attitude, problem solving skills, and strong user focus.
- Always keen on learning new things and likes to challenge himself.
- Developed strong verbal and written communication skills by providing detailed information in an impactful way to team members.
- Brings detail-oriented attitude and works effectively in a team as well as independently.
- Possess adaptability to work on and manage multiple tasks at one time.

PROJECTS

Personal Website (smitpatel.net)
- Developed a portfolio based website to showcase personal projects and skills.

GradeBook (grade-book.smitpatel.net)
- Using **Angular Framework** developed web application to organize and keep record of academic history.
- Used **Google Firebase** to store and retrieve user data and also performed user authentication through it.
- Implemented Analysis feature to perform various statistical functions on one's academic record.

Cricket Score
- Developed Android application to display cricket score in real-time.
- Used RESTFul API to capture data and update cricket scores.

RoboCode
- Using **Object-Oriented Design** developed virtual Robot to defeat other enemy robots.
- Performed intensive **Unit Testing** and gave very detailed instructions to make the robot perform desired action in given situation.
- Implemented several different algorithms to create a hybrid robot, disrupting any enemy algorithm detectors.