SMIT PATEL

Software Engineer

@ smitpatel316@gmail.com   📞 647-760-6530   📍 Toronto, Canada   🔗 smitpatel.net   in linkedin.com/in/smitpatel316
github.com/smitpatel316

EXPERIENCE

Software Developer Intern
Interac corp.

📅 May 2020 - Aug 2020   📍 Toronto, Canada

- Built an shared expense tracking system which generates bulk eTransfers using Interac request money API increasing user efficiency by 70%.
- Lead team of 4 to build an web application (**React**) to generate QR payment capabilities through Interac eTransfer API.
- Ported web application into mobile interface using **Ionic Framework** enabling rich mobile experience and cross platform compatibility.
- Improved **Flutter** application to extend functionality of QR payments for Merchant and Buyer.

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

- Helping organize **Cloud Study Jam** events across campus for students interested in developer technologies, targeted at students with non-technical background.
- Helped students finish qwiklabs quest regarding NLP and Google Cloud Services and navigate the **Google Cloud Console**.

SOFTWARE SKILLS

Python, Flask, Django
Java, JavaScript, TypeScript
C++, C
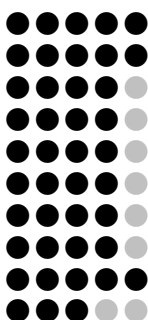**Scala, Haskell**
Hadoop (HDFS), Spark, Airflow
Angular, React, Node.js
Android, Ionic, React Native, Flutter
Amazon Web Services, Google Cloud Platform, Azure
MongoDB, MySQL, Neo4J, Atlas, Firebase
Docker, Openshift, Kubernetes, Jenkins

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 skills 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 skills 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 (gradebook.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.