SUMIT SARKAR

@ sumitsarkarbd@gmail.com   📞 514-691-2240   📍 Toronto, Canada   in linkedin.com/in/sumit3r44   ⓞ github.com/hitman3r44

EXPERIENCE

Full Stack Software Developer
EBS Inc

📅 Sep 2018 – July 2019   📍 Montreal, Canada

- Designed a Video on Demand **(VOD)** system to deliver paid video contents to end users.
- Implemented a platform to host third party advertisements to generate revenue.
- Architected the billing system to facilitate the subscription of end users for a particular period of time.

Software Developer
Myko-LEED SSHRC Partnership Development (McGill University)

📅 Sep 2017 – July 2018   📍 Montreal, Canada

- Devised a system to gather real-time data via GPS for public transit system.
- Configured CI/CD pipelines to deploy features in both development and production environments.
- Practiced Agile software development within a team of 5 team members to deliver features for each sprint.

Software Developer
PBSC Urban Solutions

📅 May 2018 – July 2018   📍 Montreal, Canada

- Maintained microservices for bike sharing application used by more then 6 millions users.
- Optimized real-time visualization of bike sharing statistics.
- Built a microservice for **BIXI Montréal** to synchronize all user data from devices.

Teaching Assistant
Concordia University

📅 Sep 2015 – April 2018   📍 Montreal, Canada

- Appointed as a Programmer On Duty **(POD)** in Software Architecture & Design **(SOEN343)** course for 45 students.
- Instructed Software Testing, Verification & Quality Assurance **(SOEN345)** to a class of approximately 40 students.
- Scrutinized exam papers for Web Programming **(SOEN287)**.

Software Developer
KLF Media Inc.

📅 March 2015 – Oct 2015   📍 Montreal, Canada

- Migrated the legacy system from Apache Struts 1 to Apache Struts 2.
- Optimized database system to boost performance by 23%.
- Redesigned different system components to improve performance by 30%.
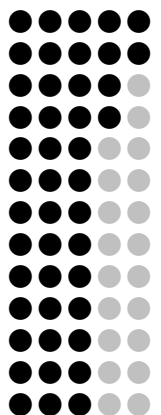
Software Engineer
Grameen-Intel Social Business

📅 Oct 2012 – March 2014

- Developed several application modules using J2EE, Spring, MySQL, and Android.
- Devised a digital adviser to help more than 2000 users for evaluating crop growth based on soil test data.

SKILLS

Skill	Level
Java, Spring Framework	●●●●●
MySQL, MongoDB, Firebase	●●●●●
Python, Ruby On Rails	●●●●○
JavaScript, TypeScript, Git	●●●●○
Node.js, AngularJS	●●●○○
Apache Struts 2	●●●●○
Algorithms, Web Security	●●●○○
Data Structure	●●●○○
Design Patterns	●●●○○
Docker, Jenkins	●●●○○
Flutter, Dart	●●○○○
Redis, RabbitMQ	●●●○○
Heroku, ELK stack	●●●○○

EDUCATION

Master of Applied Computer Science
Concordia University

📅 Winter. 2015 – Winter, 2018

B.Sc., Computer Science and Engineering
American International University – Bangladesh

📅 Spring 2007 – Winter 2012

CERTIFICATES

Oracle Solaris System Administrator
Oracle

📅 Dec 2011

Certified Ethical Hacker (CEH) Version 7
EC-Council

📅 Dec 2012