

HET ACHARYA, B.E. Electrical and Biomedical, Brampton, ON

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SUMMARY

- **6 years** of experience in software development
- Created a SQL translation engine to translate traditional data warehouse code to **HIVE** sql, **Spark** and **BigQuery**
- Developed **C# and JAVA applications** for **IBM IGC** and workflows in **IBM BPM**
- Developed Scribe maps and SSIS packages for Data Migration to Microsoft GP dynamics
- Developed **ETL/ELT SSIS** packages for **Capital Markets** and **P&C operations** projects
- Solid fundamentals in **SQL, Java, C, C++, VBA, Virtuoso Cadence, Visual C#, PowerShell** and **MATLAB**
- Efficient and motivated self-starter with excellent time management skills

EMPLOYMENT

BIG Data Consultant	Next Pathway Inc(Downtown Toronto)	<i>Feb 2018 – present</i>
<ul style="list-style-type: none">• Working as a Big Data Consultant to help translate legacy codes to modern technologies such as spark/scala for ETL in Hadoop• Developed the SQL translation engine to translate the traditional data warehouse SQL (Netezza,Greenplum) to Hive SQL, Spark and BigQuery• Created scala UDFs to transform and load data as per complex business logics• Created automated Sqoop commands using Python to ingest data into HIVE from RDBMS• Technical environments include: Hadoop, Spark, Scala, Hive 1.2, Hive 2.1, Spark Sql, Netezza, Greenplum, Sqoop 1.4.7, Google cloud, Big Query, Java, Maven		
ETL/Application developer, Consultant	Bank of Montreal(North York, ON)	<i>Nov 2016 – Feb 2018</i>
<ul style="list-style-type: none">• Created JAVA applications to extract large amount of JSON formatted IGC data• Created SSIS packages to load data to IBM DB2 database• Responsible for end to end development and deployment of packages to load data on the server• Developed a code generator in JAVA to consume data from various capital market feeds such as Calypso, Wallstreet, Imagine• Created complex reports using SSIS and automated file transfer for the business• Developed process management workflows using Javascript and IBM BPM tool• Converted ETL logic from Netezza to load big data feeds to Hadoop• Trained users on various IGC usage such as data lineage, Glossary and dashboard and led a team of developers to fulfil IGC requirements• Developed a JAVA application to use IGC REST API to update Implemented Data Resources properties based on associated physical data models• Created complex DB2 views based on IGC Metadata (XMETA) for Spotfire Dashboard to show Current Terms and categories, associated DGLs and inventory by schema• Technical Environments include: IBM IGC, IBM BPM, Information Analyzer, REST API, DB2, Visual Studio 2012, Intelli J iDea IDE, C#, Java, Javascript, Curl, RedHat Linux, Netezza, JSON, TFS, GIT, BitBucket, Datameer, Hadoop		
BI/ETL Developer, Consultant	G Adventures(Downtown Toronto)	<i>Feb 2016 – Nov 2016</i>
<ul style="list-style-type: none">• Responsible for Business Intelligence and ETL solutions for data migration from Postgre database to Microsoft GP Dynamics.• Decoding pervasive maps and creating SSIS solutions for data management, transformation and migration.• Responsible for creating Scribe DTS files to connect SSIS solution to Microsoft GP dynamics for financial applications.• Technical Environment: Visual studio 2010, Microsoft SSIS, Scribe Workbench 7.9, Postgre 9.0, Pervasive, Polaris database, PowerShell, SQL Server 2012, Subversion		

EMPLOYMENT

ETL Application Developer, Consultant

Bank of Montreal (North York, ON)

July 2014 – Jan 2016

- Working as a Database/ETL Developer in an **Enterprise Data Warehouse** (HUB-IDP) in IBM **Netezza** appliance.
- Responsible for creating dashboards using **TIBCO Spotfire** and **MS EXCEL**
- Responsible for writing **SSIS packages, C# scripts** for data loads and building **reports**
- Writing Netezza scripts for **Date Cleansing and Data Migration** for different environments.
- Created **JAVA applications** to create a Code Generator to load data into **Netezza**
- Responsible for reports such as Inventory Turnover, Inventory ageing **Volcker** reports
- Current technical environment includes **IBM Netezza; .NET 4.5; Microsoft SSIS; SSRS; C# scripts; Powershell scripting; SQL Server 2008; ESP job scheduler; Microsoft Team Foundation Sever (TFS); Aginity; UNIX/Shell Scripting; Slowly Changing Dimensions (SCD); T-SQL**

Software Testing Associate, Intern

BlackBerry(Waterloo, ON)

May 2012 - Sept 2013

- Coordinating, **testing and managing test data**, test environments and test builds for BlackBerry Enterprise Server(BES)
- Performed **unit testing, functional testing, software validation and verification and regression testing** on various BES service packs as well as logging and verifying bugs logged in bug tracking software on **BB10, Android and iOS** platforms
- Worked on almost all Windows servers(2003-2012), SQL Servers(2000 - 2012) , Microsoft Exchange Servers, IBM Lotus Domino Servers and Novell GroupWise servers

Jr. VBA developer

Canadian Imperial Bank of Commerce(Downtown Toronto)

May 2011 - Sept 2011

- Developed automated testing algorithms to perform time consuming tests faster thereby improving the efficiency
- Performed **Black Box** Testing
- Extensive exposure to practical use of **XML, SQL server and VBA**

EDUCATION

Bachelor of Engineering, Electrical and Biomedical

Sep 2009 - April 2014

McMaster University, Hamilton, Ontario

- Graduated in Electrical and Biomedical Engineering program with co-op
- Dean's Honour list 2014

SKILLS

Software

- Well versed with C, C#, Java, SQL, C++, VBA, R, PowerShell, JSON and XML
- Experience using Aginity, Scribe, IBM Netezza, CMC Virtuoso Cadence, Postgre, MATLAB, Simulink, HP Quality Center(HPQC), PSpice, Solid Edge, NI LabVIEW, MKS Integrity, Red Hat Linux, KiCad, JIRA
- Proficient with MS-Office Suite and Android studio

EXTRACIRRICULAR ACTIVITIES

- **Student Member**, McMaster Engineering Society (MES)
- **Student Member**, Institute of Electrical and Electronics Engineers (IEEE)