**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 or **Spark**
* 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)  *Feb 2018 – present*

* 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 or Spark
* Created scala UDFs to transform and load data as per complex business logics
* Technical environments include: **Hadoop, Spark, Scala, Hive 1.2, Hive 2.1, Spark Sql, Netezza, Greenplum, Google cloud, Big Query, Java, Maven**

ETL/Application developer, Consultant Bank of Montreal(North York, ON) *Nov 2016 – Feb 2018*

* 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
* Worked with IBM to report bugs and find solutions for IBM IGC and IBM BPM
* 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) *Feb 2016 – Nov 2016*

* Responsible for Business Intelligence and **ETL** solutions for data migration from **Postgre** database to **Microsoft GP Dynamics**.
* Interconnecting various applications using scripts and SSIS for automation and smooth data flow.
* 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.
* Current 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)