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## CAREER OBJECTIVE

To work on ambitious assignments in a stimulating environment that nurtures creative professional growth while being resourceful, innovative and flexible, thereby optimizing corporate profitability and adhering to the corporate philosophy.

## EDUCATIONAL CREDENTIALS

- Graduated in Bachelor of Technology in Computer Science from HMR Institute of Technology and Management, Delhi with an aggregate of 76.67%. (Batch – 2011-2015)
- Intermediate examination from Ramjas Senior Secondary School No.5, Delhi with 69.2% in 2011.
- High school examination from Ramjas Senior Secondary School No.5, Delhi with 84.4% in 2009.

## CERTIFICATION DETAILS

- Big Data Foundations issued by IBM on March 2, 2016.

[https://www.credly.com/badges/2f80eed5-ba3f-449b-8c51-4d130eb4e4aa/public\\_url](https://www.credly.com/badges/2f80eed5-ba3f-449b-8c51-4d130eb4e4aa/public_url)

- Infosys Certified BigData-Hadoop Developer on August 1, 2016.
- Introduction to Big Data (2015) by University of California, San Diego on Coursera. Certificate earned on September 9, 2016.

<https://www.coursera.org/account/accomplishments/verify/PF8G5QSWLGF6>

- The Data Scientist's Toolbox by Johns Hopkins University on Coursera. Certificate earned on September 18, 2016.

<https://www.coursera.org/account/accomplishments/certificate/PV8SNT92C3N9>

- Programming for Everybody (Getting Started with Python) by University of Michigan on Coursera. Certificate earned on May 30, 2017.

<https://www.coursera.org/account/accomplishments/verify/PCEUVHPFTN7P>

- Python Data Structures by University of Michigan on Coursera. Certificate earned on July 28, 2017.

<https://www.coursera.org/account/accomplishments/certificate/P5Q23DKABCU8>

- Snowflake Datawarehouse & Cloud Analytics - Introduction on Udemy. Certificate earned on October 16, 2019.

<https://www.linkedin.com/posts/activity-6594551745706332160-TmiU>

- Dell Boomi Associate Developer Certification. Certificate earned on November 27, 2019.

<https://www.linkedin.com/posts/activity-6606032176234500096-YjUJ>

- Microsoft Certified Azure Fundamentals. Certificate earned on June 28, 2021.

[https://www.credly.com/badges/f44306e9-c648-4ddf-8199-a528bb603d80/linked\\_in](https://www.credly.com/badges/f44306e9-c648-4ddf-8199-a528bb603d80/linked_in)

## PROJECT DETAILS

- **Project Name:** ETL Development Migration from Informatica to Python Framework

**Description:** Traditional oracle-SQL data to XML Conversion. Based on the data transformation in Informatica, data is transformed from SQL data to XML tags using Python. Oracle SQL developer is used as the datawarehouse.

- **Project Name:** Bank Integration using Python-Nameko with Microservices Architecture

**Description:** It is a B2B product for integrating multiple banks on a single platform. Python-Nameko Microservices framework was used for the product architecture with RabbitMQ for messaging and MongoDB for data storage. Automated login was done using Puppeteer on banks site and fetch the account details, transaction and balances. Regular logs were tracked on Kibana dashboards and also Google Analytics used for front-end actions by the users. All credentials stored encrypted using AWS KMS services. Storing raw bank's responses and screenshots into AWS S3 bucket.

- **Project Name:** Feed Transformation using Dell Boomi Integration

**Description:** Integrating multiple data feed types of airline & hospitality partners using Dell Boomi Integration Tool. Receive the data files from source, create mappings & transformations for the feed types conversions, send the transformed files to destination, receive acknowledgement from destination and transformed the acknowledgement file and send to the partner.

- **Project Name:** ETL Project using Django ORM Framework

**Description:** Extraction lacs of records of MySQL and PostgreSQL databases to the PostgreSQL database using Django ORM Python Framework. Displaying the data to the Sales and Marketing Team to analyze the insights for the business. Dashboards web development was completed using Angular JS, REST APIs, Django REST Framework (DRF) and Python. Apache Superset also used for reporting and dashboard creation.

- **Project Name:** ETL Extraction, Analysis and Tableau Report in Agile Methodology

**Description:** Extraction of Hbase and MySQL data to the Hive Staging area and database. It is an Agile project and working with JIRA stories. Migrating the data finally to the Kylin and creating Kylin cubes and models for the Tableau Reporting Tool.

- **Project Name:** Hadoop Maintenance and Data Analysis

**Description:** Managing huge TBs of data (BigData) using Hadoop 1.x cluster and processing it and analyzing for the customer-analytics vendors. Finally delivering the analysis to the clients. Analysis of programming codes written in Java, Python & R.

- **Project Name:** Automation of ServiceNow Tool

**Description:** This is the automation project using Python scripting. Developed to make the work easier for the team and automate daily manual work. Python provides Selenium API which was used to automate the task.

- **Project Name:** Payment Portal [Infosys Training]

**Description:** This is the payment portal created using python as front-end and MySQL as back-end. It was developed on console only using Eclipse.

- **Project Name:** Flypp Project [Infosys Training]

**Description:** This is a mobile application which is based on ETL process and then reporting of the data. Application developed using Informatica ETL tool and IBM cognos reporting tool and database used is MS SQL Server.

## AREAS OF INTEREST

- Big Data - Hadoop
- Python - Microservices
- DBMS

- ETL Transformation
- Data Analytics
- Data Science

## SOFTWARE EXPOSURE

- Operating Systems : Windows XP, Windows 7, Ubuntu 16.04, Unix (Shell Scripting), MacOS
- Languages Known : Python, Nameko Framework, Microservices Architecture, Django Framework, Django ORM, NumPy, PySpark, GitHub
- Web Tools : HTML, Django REST Framework(drf), REST API, FastAPI Gateway, Rabbit MQ, Puppeteer, BeautifulSoup, CI/CD Pipeline
- Databases : MS Sql Server, MySQL, Oracle, PostgreSQL, Neo4J, MongoDB
- Data Analysis & ETL : Dell Boomi, Informatica ETL Tool, IBM Cognos Reporting Tool, Tableau Reporting Tool, ETL Extraction, Apache Superset, Snowflake, Elastic Search – Kibana, Google Analytics, Alteryx
- Big Data : Hadoop, Hive, Pig, Oozie, Sqoop, Hbase, Apache Kylin
- Testing : Unit Testing, Integration Testing, Bug Fixes, Pylint, SonarCube
- Cloud : AWS – Glue, Lambda, S3, KMS, boto3, Azure Fundamentals