**Govind Kumar**

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# CAREER SUMMARY

A **Python Developer** with more than 4 years of experience in **scripting** with **PostgreSQL** database having total 5 year, 11 months industry experience as software developer. Currently working with **Harman** helping in creating **python scripts** with use of PostgreSQL Database to release the autonomous car for Mercedes Benz Client

1. Currently working as **python script developer** with stack **Python, PostgreSQL, Postgis**

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# SKILLS

* Expert in **python Scripting** with use of **Python, PostgreSQL, Postgis**
* Expert in using Python Libraries **Pandas, Numpy, Sqlalchemy, Psycopg**
* Knowledge of **Django framework.**
* Proficient in **Data Structure, Algorithms.​**
* Strong Understanding of **Object Oriented Programming**
* Proficient understanding of code versioning tool, **Git.**
* Working experience on **PLSQL** scripting
* Strong debugging skills.

# WORK EXPERIENCE

## Python Developer

* Responsible for Implementing Python Scripts on the basis of provided test cases from client using Library **Pandas, numpy, shapely, Sqlalchemy, Psycopg** and PostgreSQL database

## Projects Undertaken

**HDMAP Validation** deciding the quality of map used in **Mercedes Benz** car so that one can drive efficiently on road in desired way based on the instruction and information provided by map used in the car

* Implementing **Python Scripts** to analyze the different attribute existing on map data

Available in **PostgreSQL** table

* Main Python Library used: **Pandas, Numpy, SqlAlchemy, Shapely, Itertools, Pyproj, Psycopg2**
* Creating **PostgreSQL** data from **.dat** file available from the test bench tool and then working on that using Python and Postgis
* Deciding which kind of algorithm we should use to get more efficient result
* Written complex **PLSQL** scripts on **PostgreSQL** Database
* implemented **Object Oriented programming** Concept
* using tools **Artifactory, bit bucket, Qgis**

**CSM Billing** ​Implementing script to analyze the bill detail for customers of **Bell Aliant** one of the largest telecom company of Canada based on requirements of clients and creating the detailed bill calculation for some large customers

* Responsible for Implementing the Script
* Gathering detailed requirements from clients to

## ● Tech Stack: ​Python, Pandas, Numpy, Openpyxl, PostgreSQL

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# EDUCATION

## Bundelkhand Institute of Eng. and Technology July 2010-May 2014

B.Tech. in Computer Science and Engineering

# ACHIEVEMENTS

* Worked as Student Brand Ambassador at ​**Hewlett-Packard Education Services** **(2013-14)**
* **Got Pegasus award for Excellent performance in CGI**
* Got Pat on the back award for excellence performance