

## Satyam Gupta

Data Analyst/Backend Developer

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### Core Competency

- SQL
- PostgreSQL
- Python
- Django
- Linux

### Summary

Intellectually curious with a strong technical and analytical background with a demonstrated history of working in the Business process life cycle. Skilled in Python, Django, SQL, Tableau and Various Data Analysis techniques. Strong information technology professional with a Master of Engineering (ME) focused on Computer Science from Thapar Institute of Engineering and Technology.

### Work Experience:

#### EM3 Agri Services Noida

(May 2017 – Till now)

Metabase Reporting: The objective of this project is to analyze streamline data, and generate reports to draw a conclusion.

Environment: Metabase.

Responsibilities:

- Setup and maintain Metabase for reporting.
- Apply different SQL Queries and generate ad-hoc reports based on client requirement.
- Participated in meetings and calls with the client for understanding the requirements both at the functional and technical level.

Daily Summary Mail: The objective of this project was to send a daily report to users along with excel attached.

Environment: Python, Django, Pandas

- This code pulls data from the database and place that in HTML and send mail to recipients on a daily basis. We attached an excel report with this mail using pandas.

Dashboard using Heterogeneous data sources: The objective of this project was to maintain dashboard using heterogeneous data sources.

Environment: SQL, Google Sheet, Excel

- This integrates 70% data from the database and 30 % data from different team entered on a daily basis and generate and Email that using Google sheet Add-on Supermetrics.

Log Analysis: The objective of this project was to analyze how many times a particular SQL report accessed by users.

Environment: Metabase, log file, UNIX shell, Excel, Tableau

- To attain this objective I fetched log data and find some pattern on that log report. After finding a pattern we garb result according to our pattern and attained our objective.
- AWS Log analysis for API performance enhancement.

### DCM Project:

Role: Tech lead

Responsibilities:

- Gather business requirements from DCM Shriram team and convert them into tech specific and ensure the development life cycle.
- Code to generate an invoice for Jobs and Post job data to DCM via APIs.

### Bulk data upload using scripts:

Environment: Python, Django, Postgresql

- This Python Django scripts Bulk upload data into our database for load testing.

Machine Transit: The objective of this project is to generate machine transit report using latitude and longitude.

Environment: Metabase, Tableau, Python, Django

- Generate latitude and longitude based report for machine transit calculation on python

### Integrate Gupshup API for Message count:

Environment: Python, Django, Gupshup

- Integrate Gupshup API with our system and generate an alert mail in case of less message count.
- OTP generation and Authentication code.

### Delete data using URL:

Environment: Python, Django, Postgresql

- This URL delete data directly from the database with the log.

### Handling AWS account:

Responsibilities:

- Handle AWS account for database hosting.
- Deploy the latest code on AWS.

## **OVTech New Delhi**

**(Jan 2016 – March 2017)**

I joined Om Vouny Technologies as a software engineer.

Role: Associate Software Engineer

Responsibilities:

- To handle Web and app related testing.
- Communicate with the client and understand their requirements both at functional and technical level.
- Generate different reports.
- Ensure software quality.

## **STMicroelectronics Gr. Noida**

**(June 2014-June 2015)**

I worked in the ICT department, which is the internal IT department of STMicroelectronics. The main functionality of ICT is to develop and provide support for the business software for STMicroelectronics. Over the ICT my team is SETS (Software Engineering and Testing Security). My major experience was in the following fields:

- Software Configuration Management using IBM ClearCase
- Performance Testing using HP Load Runner
- Software Reviews

**Title:** Comparative Analysis of SCM tools and Coexistence with Agile Methodology

**Description:** This thesis explains two case studies; in the first part practical and relevant comparison among three Software Configuration Management tools namely ClearCase, Subversion and GIT have been done. The second part explains the coexistence of Agile and SCM practices which is usually considered as irrational. The research also focuses on the benefits from the user point of view and its role in improving the organizational capability. The thesis also chalks out a plan for successfully implementing this approach.

**Publication:**

- Satyam Gupta, Rinkle Rani “**Big Data: An Introduction, Challenges & Analysis using Splunk**”, In *Advances in Computer Science and Information Technology(ACSIT)*, ISSN:2393-9915; Vol 2, No. 5 April-June 2015, pp. 464-468.

**Presentations:**

- Presentation on “Big data” at STMicroelectronics.
- Comparative Analysis of SCM tools and Coexistence with Agile Methodology ([https://www.youtube.com/watch?v=PUe2h\\_bk-KQ](https://www.youtube.com/watch?v=PUe2h_bk-KQ))

**Academia:**

Degree	Year of passing	Institute	Percentage/CGPA
M.E. (CSE)	2015	Thapar University, Patiala	8.19/10.00
B. Tech(CSE)	2012	G.L. Bajaj Institute of tech. & management Gr. Noida	73.2%
12 <sup>th</sup>	2007	Pt. Deendayal Upadhyay Sanatan Dharm Vidyalay Kanpur	72.4%
10 <sup>th</sup>	2005	Pt. Deendayal Upadhyay Sanatan Dharm Vidyalay Kanpur	70.0%

**Co-Curricular Activities:**

- Won the 1<sup>st</sup> prize in school level photography competition in 2006.
- Participated in BRICS summer training on robotics in 2009 held at IIT/K.
- Participated in ACM conference held on 14/02/2014 at IIT/D.
- Participated in MITBOTS training on robotics in 2008.
- Every year participated in blood donation camp.
- Running a poetry blog named <http://satyamvachan.blogspot.in/>.