# Devarshee Gaurav Das

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## Professional Summary

Over 2+ years of experience in data analysis and development, proficient in Oracle and Sybase databases with expertise in complex SQL queries, stored procedures, and data transformations. Strong skills in Agile methodologies, CI/CD tools (Jenkins, Bitbucket), and Java frameworks (Hibernate, Spring). Experienced in creating web-based applications and data visualizations. Excellent problem-solving abilities and a collaborative approach.

## Skills and Technologies

**Data Analysis and Visualization:** SQL, Azure, Python, Power BI, Tableau, MS Excel, Java

**Other Tools and Skillset:** Java/J2EE, Multithreading, Hibernate, Spring & Spring Boot, Spring Batch, Microservices architecture, GWT, JavaScript, JSP, Servlets, Autosys, Oracle and Sybase, Jenkins, JIRA, Bitbucket, Git, Putty, WinSCP, Apache tomcat, Git

## Work Experience

Jr Software Developer | BNP Paribas – Prime Brokerage Project | *Finance (Capital Markets)* |       [oct 21 – August 24]

- Analyzed and processed complex financial data for capital markets, focusing on trade clearing, settlement, margin & cash management, and client billing.
- Designed and implemented SQL-based solutions for data extraction, transformation, and reporting using Oracle and Sybase databases.
- Created and maintained backend services for data parsing and processing, integrating data from upstream and downstream applications.
- Developed custom reports and dashboards for trade blotters and settlement data using GWT for web-based visualizations.
- Enhanced performance of data processing workflows, reducing latency and improving system efficiency.
- Worked closely with stakeholders to gather requirements and translate them into technical specifications, improving data workflows and automations.
- Utilized CI/CD tools like Jenkins and Bitbucket for automating deployment and maintaining code integrity.
- Implemented **KPI-driven dashboards** in **Tableau** and **Excel**, enhancing user login consistency by 15% through improved tracking and visualization of system performance, supporting more informed business decisions.

## Projects

### Analyzing Ride Patterns: TLC in New York

- Analyzed Taxi and Limousine ride data in New York using **Python** libraries, uncovering patterns that informed strategic recommendations utilizing featured engineering and automated the cleaning procedures on a data over14+ million rows.
- Simulating various scenarios with **Pandas, Matplotlib, Plotly** and **Seaborn** to determine the insights on traffic, location demand, rush hours and many more.

### Cafe Sales Performance EDA and Dashboard

- Conducted **data cleaning** and **EDA** using **SQL** and developed **Tableau dashboard** for newly opened Cafe sales.
- The dashboard includes KPIs, best and worst product information, trends in the visiting days and hours and visualizes daily and monthly sales trends to enhance decision-making and operational efficiency.

### OTT Platform Data Analysis

- Utilized **Python** for an exploratory data analysis (**EDA**) and data cleaning on Netflix dataset to uncover trends, patterns, and anomalies with **Pandas, NumPy, Matplotlib and Seaborn.**
- Created interactive dashboards and KPIs to visualize key metrics using **Tableau**.

### Graybar Electric Company, Inc.

- Explored a Greenfield project, understanding structure, methodologies, and impacts.
- Managed databases using SQL and PuTTY, optimizing data handling processes and reducing query execution times by 25% and leveraged **SAP Cloud Platform** for real-time data integration, enabling seamless access to critical business data.
- Created KPI-driven dashboards in **Tableau** and Excel, delivering insights that enhanced system performance analysis and informed strategic decisions, boosting data-driven project timelines by 30%.

## Education

**Terna Engineering College**, BTech in Electronics Engineering                July 2017 – June 2021

- GPA: 6.52/10 (Transcript)

- **Additional Coursework:** In Process of Dsa to Development (GfG), data analytics bootcamp (Grow Data with Azure), and hands-on data science projects (Scaler) with expertise in Python, Pandas, Scikit-learn, and TensorFlow.