

# Siddhesh Shankar

+91 7738946801 | [shankarsiddhesh1606@gmail.com](mailto:shankarsiddhesh1606@gmail.com) | [LinkedIn](#) | [Github](#)

## About Me

Process-oriented and self-motivated data analyst with hands-on project experience in data analysis, visualization, and predictive modeling. Proficient in leveraging statistical techniques and machine learning algorithms to extract meaningful insights from complex datasets. Experienced in interpreting and analyzing data to drive business growth and optimize decision-making processes. Skilled in SQL, Python, and data visualization tools like Tableau and Power BI. Adept at transforming raw data into actionable intelligence, improving operational efficiency, and supporting strategic initiatives. Passionate about problem-solving and continuous learning to stay ahead in the evolving data landscape.

## Experience

### Oracle Financial Services Software (OFSS) - Associate Consultant | (18/07/2023 – Present)

- **Financial Transactions & Reconciliation:** Oversaw End-of-Day (EOD) and reconciliation processing for over **70,000+ daily financial transactions** (MT940, MT950, MT942) in the Nostro Reconciliation System (NRS) for HDFC Bank, improving transaction accuracy by **~25%** and enhancing operational efficiency.
- **RESTful API Development:** Designed and developed **3 production-grade RESTful APIs** using **Java (JAX-RS)** within the **FLEXCUBE architecture**, adhering to **HATEOAS principles** to ensure clean resource representation and streamlined internal system communication.
- **Software Development Lifecycle (SDLC):** Contributed to **3+ end-to-end project cycles**, handling everything from requirements gathering to deployment and post-release support, ensuring **100% on-time delivery** and alignment with client specifications.
- **Backend & Frontend Development:** Developed and maintained **full-stack modules using Java (JAX-RS), vanilla JavaScript, and Oracle PL/SQL**, delivering **scalable internal banking solutions** and enhancing performance across **multiple high-traffic enterprise modules**.
- **Code Quality & Testing:** Maintained clean, efficient, and production-ready code by consistently applying best practices and leveraging **SonarLint** for static code analysis, significantly reducing bugs and improving maintainability.
- **Integration & Middleware Development:** Engineered a middleware wrapper enabling seamless communication between **SOAP-based legacy systems and RESTful services**, reducing integration time by **40%** and boosting service interoperability.

### EASYECOM Pvt. Ltd. - Business Analyst Intern | (05/01/2023 –05/06/2023)


- **SQL & Data Extraction:** Developed SQL proficiency to extract, analyse, and manipulate data efficiently, optimizing query performance for various business needs.
- **Data Pipeline Development:** Built **foundational data pipelines** to automate routine data collection and transformation tasks using SQL and scripting, improving data availability and minimizing manual intervention by **~30%**.
- **Dashboard Automation:** Automated data-fetching processes for dashboards using **JavaScript**, resulting in a **40% reduction** in manual reporting time and improved refresh reliability.
- **Data Cleaning & Preparation:** Utilized Excel for data cleaning and preprocessing, ensuring data accuracy and consistency for analysis.
- **Data Visualization & Reporting:** Created **interactive dashboards and reports** in **Looker Studio** and **Power BI**, helping stakeholders derive actionable insights and supporting data-driven decision-making for key operations.
- **API Integration & Development:** Built **Google Apps Script** solutions to interface with **Zoho APIs**, automating routine workflows. Also explored **Python-based API development** to support internal data automation use cases.
- **Event Tracking & Analytics:** Gained hands-on experience with **Amplitude** for event tracking and funnel analysis, improving understanding of user behavior metrics and their application in strategic decisions.
- **Supply Chain Analytics:** Analysed the collaboration between Inventory, Order, and Warehouse Management Systems to optimize supply chain operations. Conducted warehouse visits for hands-on learning.

- **Client Collaboration:** Participated in **10+ client meetings** with major e-commerce and D2C brands such as **Amazon, Meesho, Flipkart Smart, Man Matters, and Myntra**, gathering business requirements and contributing to data-backed solution design.

**Genefied Brand Protection Solutions - Data Analyst Intern | (05/06/2022 –10/07/2022)**

- **Dashboard Development & Data Visualization:** Designed interactive dashboards for client presentations using Power BI and Google Analytics to support data-driven decision-making.
- **Client Engagement & Data Solutions:** Met with clients, including **BookMyShow** and **KEI Industries**, to present data-driven insights and recommend strategic solutions.
- **Data Resource Optimization:** Assisted in optimizing data utilization within the company, ensuring efficient data management and reporting practices.
- **Research & Development:** **Worked closely with the Founder on the R&D of new data architecture**, contributing to improvements in the company’s data infrastructure and analytical capabilities.

**Projects**

- **QwiKart (Just in Time Mart)** | (January 2025 - Present) 
  - **Developing a ~ 98% fulfillment system** using real-time inventory and supplier API integration.
  - **Building a Python-based, API-first architecture** using **FastAPI, Pydantic, and SQLAlchemy** for high performance and scalability.
  - **Implementing Just-in-Time fulfillment** to eliminate overstocking and optimize inventory costs.
  - **Designing a real-time product availability system** with **FastAPI and PostgreSQL (pgAdmin4, psql)** for accurate stock visibility.
  - **Integrating machine learning models** for predictive supply chain optimization.
  - **Optimizing** the checkout and delivery process for a frictionless user experience.
  - **Ensuring scalability** with **FastAPI, PostgreSQL, and API-first design**, allowing seamless expansion.
  - **Utilizing Postman API** for testing and debugging endpoints, ensuring robust API performance.
  - **Deploying APIs with Uvicorn** to enhance speed and efficiency in handling high-concurrency requests.
  - **Managing database interactions** with **SQLAlchemy and Psycopg2**, ensuring efficient data processing and storage.

**Education**

- |   |   |             |
|---|---|-------------|
| • <b>Symbiosis Institute of Technology, Pune</b>                              | <i>B.Tech in Computer Science<br/>&amp; Hons. in Data Science</i> | (2019-2023) |
| • <b>Nirmala Memorial Foundation College of Commerce and Science (NMFCCS)</b> | <i>Higher Secondary Education</i>                                 | (2018-2019) |
| • <b>Gokuldharm High School and Junior College</b>                            | <i>High School Diploma</i>  | (2006-2017) |

**Skills & Abilities**

- |   |   |
|---|---|
| • <b>Programming Languages:</b> Java, Python, JavaScript  | • <b>Data Analysis:</b> Power BI, Tableau, Looker Studio                              |
| • <b>Databases:</b> Oracle DB, PostgreSQL, MySQL, Mongo DB  | • <b>System Administration:</b> Linux. SFTP   |
| • <b>API Development:</b> REST APIs, Oracle Helidon, JSON   | • <b>Project Management &amp; Collaboration:</b> Project Planning, Client Interaction |
| • <b>Machine Learning &amp; Analytics:</b> Statistical Data Analysis, Business Intelligence (BI), Product Analytics |   |

## **Extra-Curricular Activities**

- **Oracle Volunteering (OV)** | (July 2023 - Present)
  - **Blood Donation Camp:** Collaborated with Hiranandani Hospital, Powai and assisted the medical team in managing logistics, providing support to donors, and ensuring smooth operations throughout the event. Also participated as a donor, contributing to the cause personally.
  - **Education Drive – Physics Learning Aids for SSC Students:** Designed educational flowcharts and visual aids to simplify complex Physics concepts for 9th and 10th-grade SSC students, enhancing their understanding and engagement with the subject.
  - **Beach Cleanup Drive – Dadar Chowpatty:** Collaborated with a local NGO to conduct a beach clean-up activity, collectively removing 350+ kg of plastic waste. Contributed to restoring the beach's natural beauty and promoting environmental awareness.
- **Google Developer Student Club (GDSC) (SIT, Pune)** | (August 2019 – July 2023)
  - **Data Science Collaboration:** Participated in Data Science related problem-solving events organized by Symbiosis Institute of Technology, Pune and GDSC.
  - Participated in **Hashcode 2020** competition.