Soumya Prakash Satapathy

Bhubaneswar, Odisha

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in LinkedIn   GitHub

Education

XIM University   **June 2023 – Present**
Bachelors of Technology in Computer Science   *Bhubaneswar, Odisha*
- Cumulative GPA: 7.27/10.00 (till 4th semester)

Delhi Public School   **2021 – 2023**
Higher Secondary Education (Class XII - CBSE)   *Dhenkanal, Odisha*
- 60% in Higher Secondary Board Examination CBSE

St. Xavier's High School   **Until 2021**
Secondary Education (Class X - CBSE)   *Athgarh, Odisha*
- 91.20% in High School Examination CBSE

Relevant Coursework

- Data Structures and Algorithms
- Database Management
- Artificial Intelligence
- Computer Networks
- OOPs using Java
- Operating Systems
- Programming in C
- Data Mining and Warehousing
- Programming in Python

Experience

Data Analyst Intern   **1st May 2025 – 15th Jun. 2025**
Techzex Software Pvt. Ltd.   *Remote*
- Built interactive Power BI dashboards to track KPIs, sales trends, and performance metrics, enabling stakeholders to make data-driven decisions.
- Performed data cleaning, transformation, and preprocessing using Python (Pandas) and Power Query to ensure high data accuracy and consistency.
- Conducted Exploratory Data Analysis (EDA) to identify patterns, trends, and anomalies in business datasets.
- Wrote SQL queries to extract and filter relevant data from databases for reporting and analysis purposes.
- Collaborated with cross-functional teams to understand business requirements and translated them into analytical reports and dashboards.
- Automated recurring data processing tasks, reducing manual effort and improving reporting efficiency.

Data Analytics Intern   **2nd Dec. 2025 – 30th Jan. 2026**
Skillified Mentor   *Remote*
- Analyzed structured datasets using Python (Pandas, NumPy) to derive insights related to business performance and trends.
- Designed dynamic dashboards and reports in Excel and Power BI using Pivot Tables, charts, and data models.
- Used SQL queries for data extraction, filtering, and aggregation from relational databases.
- Performed data cleaning, transformation, and validation to ensure accuracy and reliability of analysis.
- Applied Exploratory Data Analysis (EDA) techniques to uncover patterns, correlations, and outliers in datasets.
- Presented analytical findings through visual reports and summaries for non-technical stakeholders.

Projects

DMart Sales Analysis Dashboard | *Power BI, Excel, Power Query, Python*   **Project link**
- Created an interactive Power BI dashboard to analyze sales across regions and products.
- Cleaned and transformed data using Power Query; used Python for validation.
- Designed data models and relationships between multiple tables to enable accurate KPI calculations and reporting.
- Implemented DAX measures for revenue, growth rate, and performance comparison across time periods.
- Identified sales trends and underperforming regions through visual analysis, helping derive actionable business insights.

Foodie Express – Food Ordering System | *PHP, MySQL, XML, Python*   **Project link**
- Designed a relational database for users, orders, and payments.
- Used SQL for data relationships and Python for business logic validation.
- Designed structured database schemas with tables for users, orders, and payments, ensuring proper relationships between entities.
- Wrote SQL queries for inserting, retrieving, and updating order and user data within the system.
- Tested system workflows such as user registration, order placement, and payment recording for functional correctness.

The Flip of Fate | *HTML, CSS, JavaScript, Node.js / Flask*   **Project link**
- Built a browser-based casual gaming platform with fair randomization logic.
- Implemented modular frontend and backend for scalability and smooth UX.
- Developed game logic using JavaScript to handle random outcomes, score tracking, and user interactions.
- Designed responsive UI components using HTML and CSS to ensure smooth gameplay across devices.
- Integrated frontend with backend APIs to store game results and manage basic user session data.

Technical Skills

Business Intelligence & Visualization

- Power BI — **Intermediate** (Dashboards, DAX, Data Modeling, KPIs)
- Tableau — **Beginner**
- Microsoft Excel — **Intermediate** (Pivot Tables, Power Query, Lookups, Data Cleaning)

Programming & Querying

- Python — **Intermediate** (Pandas, NumPy, Matplotlib, EDA)
- SQL — **Intermediate** (Joins, Subqueries,Filtering)

Data Analysis

- Data Cleaning & Preprocessing — **Intermediate**
- Exploratory Data Analysis (EDA) — **Intermediate**
- Statistical Analysis — **Beginner–Intermediate**
- Trend & Performance Analysis — **Intermediate**

Visualization & Reporting

- Dashboard Development — **Intermediate**
- KPI Design & Reporting — **Intermediate**
- Data Storytelling — **Intermediate**

Tools & Platforms

- Jupyter Notebook — **Intermediate**
- GitHub — **Beginner**
- VS Code — **Intermediate**

Databases

- MySQL / Relational Databases — **Beginner–Intermediate**
- Data Validation & Quality Checks — **Intermediate**

Web Technologies

- HTML5 — **Intermediate**
- CSS3 — **Intermediate** (Flexbox, Grid, Responsive Design)
- JavaScript — **Beginner**
- XML — **Beginner**

Positions of Responsibility

- **Deputy Coordinator, Residence Secretary Team – XIM University**

  - Managed daily operations for a student body of **2500+**, streamlining communication between administration and residents.
  - Resolved complex student grievances by implementing a structured issue-resolution framework, improving overall campus satisfaction.
  - Coordinated large-scale campus events, overseeing end-to-end logistics, budgeting, and team management.

- **Event Lead, ACM Student Chapter – XIM University**

  - Spearheaded technical workshops and coding competitions, fostering a culture of continuous learning and technical excellence.
  - Drove student engagement through targeted outreach, significantly increasing chapter membership and event turnout.
  - Collaborated with the core executive team to design and execute a strategic roadmap for the chapter's annual technical calendar.

Certificates

- **Data Analytics Certification** — Certificate Link
- **Python for Data Science Certification** — Certificate Link
- **Data Analyst Internship Certificate** — Certificate Link