SATYAPRAKASH SETHY

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Professional Summary:

Embarking on my career in **Nov/2021**, I discovered a fascination with data and its ability to transform decision-making. This curiosity evolved into a passion for Programming and training, where I found my true calling empowering others to harness the power of technology. Through hands-on guidance in Python with focus on real-world applications, I've combined technical expertise with a drive to make learning impactful and engaging. My journey continues with a mission to innovate and inspire in the realms of training in data and technologies.

Education:

Gandhi Institute of Technology and Management
Bachelor of Technology   **Bhubaneswar**

Experience:

SME:Trainer   **02/2025 - Present**
ByteXL   **Phagwara, Punjab**
- Conducting hands-on training in **Python, SQL**, and Data Structures & Algorithms (**DSA**) to prepare B.Tech students for **placements**.
- Guiding students in solving **150+** coding problems on **LeetCode**, GFG, improving their problem-solving skills and coding efficiency.
- Mentoring students in technical interview preparation, including resume building, mock interviews, and coding test strategies for top IT companies.
- Training students in SQL query optimization and database design to improve **efficiency** in handling real-world data.

Python & C++ Trainer   **08/2024-12/2024**
IMARTICUS Learning   **Yelahanka, Bangalore**
- **Conducted** engaging lectures with practical examples and interactive sessions, fostering active participation and **collaboration** among students .
- **Developed** and **administered** coding challenges and projects to enhance Python & **C++** skills, promoting hands-on learning for their future career.
- Provided **comprehensive** instruction on essential Python libraries (NumPy, Pandas, Matplotlib, Seaborn) to equip students with tools for efficient development.
- **Utilized feedback** to refine course content and teaching methods, ensuring continual improvement and alignment with student needs and industry standards.
- **Mentored** a diverse cohort of **500+** students, offering **guidance on Python** careers and emerging industry trends to support their professional growth.

BigData & Visualization(Python & Power BI)   **04/2024- 07/2024**
Half Tech Webcycle Pvt. Ltd   **Bhubaneswar, Odisha**
- Conducted **comprehensive** training sessions on Big Data **analytics**, data **visualization** in Python, and **Power BI** for graduate students.
- Covered **Big Data** concepts introduction (**Hadoop**, Spark), data processing, and cloud analytics**.**
- Delivered **hands-on** sessions on **Pandas**, Matplotlib, Seaborn, and **Power BI** dashboards**.**
- Assisted trainees in **cleaning, transforming,** and **analyzing** large **datasets** using Python libraries (**Pandas, NumPy, PySpark**) and performing **ETL**.
- Guided on creating interactive Power BI **dashboards**, including basic **DAX** functions, data modeling, and performance optimization for effective decision-making.
- Provided insights into data **storytelling**, best practices in **visual analytics**, and industry applications of Big Data & BI tools.
- Conducted **assessments** and **live projects** to track progress and ensure **practical** implementation of learned **concepts**.
- Successfully trained **250+** participants, achieving **75%+** student **satisfaction** based on **feedback** and **engagement** levels.

Python Full Stack Trainer   **02/2024**
ByteXL   **Vadodara, Gujarat**
- **Conducted** engaging lectures with practical examples and interactive sessions, fostering active participation and **collaboration** among students .
- **Developed** and **administered** coding challenges and projects to enhance Python skills, promoting hands-on learning for full-stack development.
- Provided **comprehensive** instruction on essential **Python** libraries (NumPy, Pandas, Matplotlib, Seaborn) to equip students with tools for efficient development.
- **Utilized feedback** to refine course content and teaching methods, ensuring continual improvement and alignment with student needs and industry standards.
- **Mentored** a diverse cohort of **1500+** students, offering **guidance on Python full-stack** development careers and emerging industry trends to support their professional growth.

Python Trainer   **11/2022 – 05/2023**
Eureka Learnings   **Bhubaneswar**
- **Led** Python training sessions of **200+** students, managing curriculum development and assessments to create a dynamic learning environment for skill enhancement.
- **Worked with trainers** in a team to improve study materials, ensuring they align with industry standards and **current trends** in Python.
- Utilized numpy, pandas, matplotlib, and seaborn to **improve** students grasp of **data manipulation and analysis techniques**.
- Adapted teaching methods to suit various learning styles, promoting a comprehensive understanding of Python programming concepts.

Data Science Job Simulation   **03/2022 – 10/2023**
BCG X, https://tinyurl.com/DatascienceAnalyst   **Remote**
Contributed real-world data projects from start to finish, including **business understanding, data analysis**, modeling, and actionable insights, in collaboration with an experienced team.
- Completed a customer churn analysis simulation, demonstrating advanced **data analytics skills**, identifying essential client data and outlining a strategic investigation approach.
- Conducted efficient data analysis using Python, including Pandas, NumPy and **SQL**. Employed data visualization techniques for insightful **trend interpretation**.
- Completed the engineering and optimization of a **random forest model**, achieving an **85% accuracy** rate in predicting customer churn.
- Completed a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.
- Enhanced data **quality** and **90%+** model **accuracy** via advanced techniques and analyzed datasets to identify customer behavior **pattern & trends**.

Data Analytics Virtual Experience   **11/2021 – 03/2022**
Accenture North America, https://tinyurl.com/AccentureAnlytics   **Remote**
- Completed a simulation focused on advising a hypothetical social media client as a **Data Analyst at Accenture**.
- Cleaned, modeled and **analyzed 7 datasets** to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the **client and internal stakeholders**.

Skills:

- **Data Analysis** techniques Data Cleaning, Visualization, Statistics, EDA, Feature Engineering, Feature Selection, Data Processing, Mathematics, Statistics
- Strong **ability** to analyze datasets and **extract valuable insights** from renowned public databases like **Kaggle, the UN, and the US** government.
- **Advanced** Statistical analysis, Descriptive Analysis, Time series analysis, Performance metrics, Funnel analysis, Sales analysis
- Proficient in **Python, Pandas, NumPy, Matplotlib, Seaborn, MySQL, Analytical skills**
- Strong Data Visualization skills by using tools **Power BI, Key Performance Indicators,** business metrics, Technical communication, Technical expertise
- Strong desire to work with **Turing** & help in foundational to making significant contributions to the advancement of artificial intelligence
- Effective communication prowess to collaborate seamlessly with stakeholders and researchers, and to articulate key findings clearly
- Vital for **addressing business inquiries** and formulating responses based on dataset conclusions which shows the Analytic ad Problem solving skill
- Business Analysis and able to convert client needs into technical requirements, Stakeholder collaboration, Data-driven decision-making, Continuous improvement
- Skilld on Data evangelism, Data integration, Data integrity, Database querying, Detail-oriented, Data **Documentation**, continuous improvement
- Tools & Technologies: Pycharm, Jupyter Notebook, GitHub

Projects:

WhatsApp Chat Analyzer, Code->http://tinyurl.com/WhatsapChatAnalyzer   **01/2023 – 07/2023**
- Created a web app to save time to analyze whatsapp chat by provided charts, graphs, and other interactive visualizations.
- It's a dynamic and innovative web-based solution designed to revolutionize the way users gain insights from their WhatsApp chat.
- **Tools & technologies:** Python(inbuilt libraries), streamlit framework and some libraries & modules for interactive visualization.

Amazon Sales Dashboard, https://github.com/SATYAPRAKASHSETHY/Amazon_Dashboard.git   **04/2024**
- Utilized Power BI to develop a comprehensive sales dashboard leveraging Amazon dataset, facilitating real-time monitoring and analysis such as sales revenue, product performance, and customer demographics.
- Tools & Technologies: Power BI, Excel, Dax(Basic) such as creating new measure, columns, etc.

Certifications:

Oracle Cloud Infrastructure (OCI) Data Science 2023 Professional Certification   **06/2023**
Oracle University   **Online**
- Certification Code: 1Z0-1110-23
- URL: http://tinyurl.com/CertifiedDataScience

Python for Data Science   **10/2023**
Itronix Solutions   **Online**
- Certification Id: #00018400
- URL: https://itronixsolutions.com/courses/certificate/49b4f6ff83

PCAP: Programming Essential in Python   **02/2022**
Cisco Networking Academy   **Online**
- URL: http://tinyurl.com/PCAPpython