Yash Shirsath

LinkedIn — Forage — GitHub — Portfolio — G Cloud

Email: yashshirsath2410@gmail.com

Mobile : +91-9653294869

EDUCATION

A.C Patil College of Engineering
 Navi Mumbai, India
(Aff. Mumbai University; B.E in AI & DS);
 February 2021 - May 2024

SKILLS

WE: Google Colab, PyCharm, Jupyter Notebook **Database:** MySQL

Tools: Power BI, Tableau, Excel, Power Point, Burp Suite, GCP **OS**: Windows

Technologies: NLP, Relational DB, Viz Tools, PortSwigger, TryHackMe **Languages:** Python, SQL

EXPERIENCE

KPMG AU — Remote
Data Analytics Consulting Virtual Internship — *Feb 23 – Feb 23*
- Completed a series of challenging modules and tasks, simulating real-world data analytics projects, to develop practical skills in data analysis, visualization, and providing actionable insights.
- Leveraged cutting-edge tools and techniques within a virtual platform to analyze and interpret complex datasets, deriving valuable insights to support decision-making processes.
- Completed a series of challenging modules and tasks, simulating real-world data analytics projects, to develop practical skills in data analysis, visualization, and providing actionable insights.

British Airways — Remote
Data Science Virtual Experience Programme — *April 23 – April 23*
- Engaged in industry-specific data science tasks and projects within a virtual environment, collaborating with a global cohort to analyze and extract insights from large datasets.
- Utilized data science tools, techniques, and programming languages to explore, clean, analyze, and visualize data, contributing to the development.

TATA GROUP — Remote
Data Visualization: Empowering Business with Effective Insights — May 23 - May 23
- Developed expertise in data visualization techniques and tools, leveraging them to empower businesses with actionable insights and drive data-driven decision-making within Tata Group.
- Utilized advanced data visualization tools, such as Tableau and Power BI, to transform complex data sets into visually compelling and interactive dashboards, enabling stakeholders to gain meaningful insights at a glance.

YBI Foundation — Remote
Fundamental of Machine Learning with Python for Business & Data Analytics — *March 23 – April 23*
- Developed proficiency in Python programming for machine learning, utilizing popular libraries and frameworks such as scikit-learn, TensorFlow, and Keras to implement and evaluate machine learning models.
- Applied fundamental ML algorithms, including regression, classification, and clustering, to analyze and derive insights from complex datasets, contributing to the development of data-driven solutions for business and data analytics challenges.

HackerBro Technologies — Remote
Cyber Security Analyst & Penetration Testing Intern **(OL)** — *March 23 – Present*
- Actively contributed as a Cyber Security Analyst and Penetration Testing Intern, leveraging a strong understanding of security principles and hands-on experience in conducting penetration tests to assess and enhance the security posture of systems and networks.
- Assisted in performing comprehensive vulnerability assessments and penetration tests using industry-standard methodologies and tools such as Burp Suite, identifying critical vulnerabilities and recommending remediation strategies.

SYNC INTERN'S Remote
Machine Learning Intern **(LOR) (OL)** *Feb 23 – March 23*
- Contributed to the development and optimization of machine learning models as a Machine Learning Intern at SYNC, leveraging Python, Pandas, and Matplotlib to analyze and extract insights from complex datasets.

Oasis Infobyte Remote
Data Science Intern **(OL)** *Feb 23 – March 23*
- Led a project focused on email spam detection during my internship at Oasis Infobyte, utilizing machine learning algorithms and natural language processing techniques to develop a highly accurate and efficient spam filtering system

PROJECTS

InsightViz: Unleashing Data's Potential through Quality Ass. and Visual Presentation (GitHub):
- In this project, I led the assessment of data quality and completeness, ensuring reliable and accurate data for analysis. I conducted thorough data quality analysis, identifying and addressing any issues to enhance data integrity. Additionally, I created an analytical dashboard that provided an intuitive overview of key metrics, facilitating data-driven decision-making.
- This project showcased my expertise in data quality assessment, data analytics, customer segmentation, and data visualization.

InsightMine: Unveiling Company Insights through Customer Review Web Scraping. (GitHub):
- I utilized web scraping techniques to extract and analyze customer review data, specifically focusing on British Airways. Through web scraping, I collected a large volume of customer reviews from various online platforms. I then performed data manipulation and analysis to uncover valuable insights and trends related to customer experiences, satisfaction, and concerns.
- I automated the data collection process, allowing for efficient extraction and analysis of customer review data. I applied data manipulation techniques to clean and preprocess the data, enabling meaningful analysis.

InsightfulBiz: Empowering Business Decision-making through Data-driven Visual Communication. (GitHub):
- I focused on framing business scenarios to anticipate the questions that business leaders will need answers to. By understanding their needs, I developed practical skills in visualization, data analysis, and data interpretation. Through various business scenarios, I honed my ability to extract meaningful insights, interpret data, and anticipate the key questions that arise in decision-making processes.
- The final aspect of the project centered around effectively communicating insights and analysis. I developed proficiency in analysis and presentation techniques to convey findings in a compelling way.

DataVizPro: Transforming Data into Actionable Insights with Tableau (Tableau Public):
- Using Tableau's robust features, designed interactive dashboards and reports that effectively communicated key metrics, trends, and patterns. extracted data from multiple sources, conducted data cleansing and transformation, and implemented advanced calculations to generate meaningful visual representations.
- Leveraged Tableau to create compelling visualizations and transform complex data into actionable insights. As the lead analyst, collaborated with cross-functional teams to identify business objectives and data requirements.

SKILLS & INTERESTS

Technical - Data Manipulation, Data Analysis, Data Visualization, Python, SQL, Database Management, Machine Learning, Data Presentation and Communication, Data Quality Assurance, Data Warehousing, Data Governance and Security.

Languages: English, Marathi, Hindi

Laboratory: PortSwigger, TryHackMe, ETL, NLP, DMS, Data Viz.

Interests: Reading, Traveling, Sports and Fitness, Volunteer Work, Leadership Roles, Continuous Learning, Technology and Innovation.