ABHISEKH NAYAK

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Motivated software engineer with a B. Tech in Computer Science & Engineering and 2 years of hands-on experience in Data Analytics & Machine Learning. Adept at applying a simplicity-driven approach to problem-solving, I am actively seeking a full-time position in Data Science & Analytics. My goal is to tackle professional challenges, leveraging my technical skills, strong interpersonal abilities, excellent time management, and problem-solving mindset. Eager to contribute to innovative projects and make a significant impact in the field.

WORK EXPERIENCE

CSM Technologies Pvt. Ltd. **Bhubaneswar, Odisha**

Software Engineer (AI & Analytics) **Dec 2021 – Present**

- Worked on **ML Automation** using **Tesseract-OCR** in Python for E-Despatch project by the Government of Odisha.
- Worked on **NER** & Label Annotation for Text & Images in MedhaK AI Framework by CSM Technologies.
- Built a NER model for text parsing & entity extraction from resumes for career automation with an accuracy of 95%.
- Built a Facebook web scrapper using **Selenium** to extract the complaint data from web for Janasunani project by the Government of Odisha.
- Awarded the '**Tech Wizard**' award for best performer of the batch for Python Programming & Development.

EDUCATION

Gandhi Institute for Technological Advancements, Bhubaneswar **Aug 2016 – Aug 2020**

Bachelor of Technology (Honours), Computer Science & Engineering | **CGPA**: 8.21/10

TECH STACK

- **Programming Languages**: Python, SQL, JavaScript
- **Markup Languages and Styling**: HTML, CSS5
- **Data Analysis and Manipulation Libraries**: Pandas, Numpy, Matplotlib, SQLAlchemy
- **Web Development Tools**: FastAPI, Flask, Postman
- **Machine Learning and Deep Learning Libraries**: Keras, Tensorflow, Scikit-Learn, NLTK
- **Databases**: MySQL, MS SQL Server, PostgreSQL, SQLite
- **Data Visualization Tools**: Tableau, Matplotlib
- **Version Control**: GitHub
- **IDEs**: Jupyter, PyCharm, VSCode
- **Web Scraping**: BeautifulSoup, Selenium

PROJECTS

1. **A Tribute to F.R.I.E.N.D.S (Dashboard)**
   Technologies Used: Tableau
   Role: Tableau BI Developer

- Developed an interactive Tableau dashboard paying homage to the beloved TV show " F. R. I. E. N. D. S ", seamlessly integrating data visualization, design elements, and user-friendly features to immerse users in a nostalgic experience.
- Crafted an intuitive dashboard accessible via a provided link, facilitating effortless sharing and demonstrating expertise in data visualization with Tableau.
- Curated and structured data to align with the themes and narratives of " F. R. I. E. N. D. S", ensuring coherence and relevance in the visual storytelling.
- Incorporated engaging visual elements and interactive features, enhancing user engagement and facilitating exploration of key insights and memorable moments from the show.
- Leveraged Tableau's capabilities to showcase proficiency in creating visually appealing and impactful dashboards, capturing the essence of "F. R. I. E. N. D. S" in a dynamic and immersive digital experience.

2. **Cricket World Cup Points Table Calculation (Data Ingestion)**
   Technologies Used: MySQL, Pandas, BeautifulSoup, Jupyter, GitHub
   Role: Database Developer & Data Analyst

- Utilized MySQL for loading match data from CSV files, ensuring efficient storage and retrieval.
- Employed BeautifulSoup for scraping live match results, enhancing data accuracy and currency.
- Leveraged Pandas and SQL for comprehensive points table computation, offering flexibility and robustness in analysis.
- Utilized Jupyter for interactive documentation, facilitating code exploration and understanding.
- Hosted on GitHub for version control and collaboration, ensuring project accessibility and transparency.

3. **Spotify Top 10 Artists & Songs Wrapped (EDA)**
   Technologies Used: Numpy, Pandas, Seaborn, Matplotlib, Jupyter, GitHub
   Role: Data Analyst & EDA Developer

- Utilized Pandas for loading and manipulating Spotify user data, ensuring efficient data processing and analysis.
- Employed Seaborn and Matplotlib for visualizing trends in user listening behaviour, enhancing the understanding of music preferences.
- Leveraged NumPy for statistical analysis, providing insights into user behaviour such as frequency of song plays and artist popularity.
- Utilized Jupyter notebooks for interactive documentation, allowing for code exploration and explanation of analysis methods.
- Hosted on GitHub for version control and project sharing, enabling transparency and collaboration with others interested in music data analysis.