Jasmine Pinto

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EDUCATION

Syracuse University **Aug 2022 - May 2024**

Master of Science in Computer Science (GPA: 3.67 / 4.0) *Syracuse, NY*

- Coursework: Natural Language Processing, Social Media and Data Mining, Machine Learning, Artificial Intelligence

University of Mumbai – St. Francis Institute of Technology **Aug 2016 - Oct 2020**

Bachelor of Engineering in Computer Engineering (CGPA: 8.67 / 10.0) *Mumbai, India*

- Coursework: Data Structures, Advanced Algorithms, Database Management Systems, Big Data Analytics

TECHNICAL SKILLS

Web: React.js, Node.js, AngularJS, Flask, Django
Languages: Python, R, Java, Javascript, C/C++
Databases: MySQL, NoSQL, Oracle
Cloud: AWS, GCP
Tools: Hadoop, Spark, Hive, BitBucket/Git, Airflow
Visualization: Tableau, PowerBI

EXPERIENCE

iConsult Collaborative Syracuse University **Apr 2023 - Present**

Data Engineer *Syracuse, USA*

- Developed and implemented ETL processes using **Python** to automate the detection of racially discriminating words.
- Automated content integrity checks using **Python**, integrating **Google Cloud Computer Vision** API to identify and mitigate racial bias in over **600,000** documents, ensuring compliance and enhancing content reliability.
- Spearheaded the development and maintenance of data integrity solutions end-to-end, including automation and production implementation, leading to a **50%** increase in data processing efficiency.

Seminaut **Jun 2023 - Aug 2023**

Web Developer Intern *Texas, USA*

- Engineered interactive web interfaces using **ReactJS** and **Tailwind CSS**, enhancing user experience and functionality.
- Pioneered the transformation of wireframes and UI designs into visually appealing and functional websites in collaboration with designers, slashing development time by **25%**.
- Streamlined project delivery processes by actively coordinating with the engineering team to align on requirements, set clear priorities, and optimize resource allocation, achieving a **100%** on-time completion rate for projects.

Larsen and Toubro Infotech **Oct 2020 - Jun 2022**

Data Engineer *Mumbai, India*

- Implemented **PySpark** code to optimize data transfer and storage in the **Hive** server, resulting in a **30%** increase in data processing efficiency and seamless data transfer and storage.
- Optimized **Tableau** data visualizations for business intelligence, leading to a **30%** faster decision-making process by providing efficient **Hive** Query reports for a dataset of over **1TB**.
- Designed and delivered a comprehensive Version Control strategy for a Bank's Data and Code Migration project, resulting in a remarkable **20%** reduction in overall project delivery time.

PROJECTS

Bank Market Capitalization ETL Pipeline | *Python, ETL, Web Scraping* **Mar 2023**

- Spearheaded the development of a global **ETL** pipeline, utilizing advanced web scraping to extract and consolidate financial data on the top 10 banks worldwide by market capitalization, facilitating strategic decision-making.
- Pioneered data analytics enhancements with **Python** to normalize market cap figures across USD, GBP, EUR, and INR, achieving a **20%** uplift in operational efficiency through refined data processes.
- Implemented advanced logging protocols to rigorously monitor code execution, enhancing transparency and accountability in the data engineering workflow, resulting in a **20%** boost in operational efficiency.

Fake Job Posting Prediction | *Python, Data Mining, Machine Learning* **Sept 2023**

- Developed an innovative job posting authenticity classifier employing Naïve Bayes and Stochastic Gradient Descent techniques using a real-time dataset.
- Expertly harnessed the **Python** NLTK library for advanced text processing, including stemming, lemmatizing, tokenization, and filtering out non-essential words.
- Achieved a remarkable **97.4%** accuracy rate in detecting fraudulent job advertisements using the Stochastic Gradient Descent model, showcasing the model's precision and reliability.

Text Summariser | *Python, Machine Learning, Web, Data Analysis* **Mar 2020**

- Built a text summarization system producing concise and coherent summaries of long documents, leading to a **50%** reduction in reading time for users.
- Employed advanced techniques including Natural Language Processing, Unsupervised Learning, and Text Detection, reducing document length by **70%** on average, enhancing productivity and readability for users.