

YASH KANTHARIA

Jersey City, NJ 07306 | yashkantharia17@gmail.com | 551-344-8949

yashkantharia.github.io/ | linkedin.com/in/yashkantharia | github.com/yashkantharia | kaggle.com/yashkantharia | yashkantharia.medium.com

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Master of Science (MS) in Computer Science | GPA: 3.83

Graduated: May 2024

Relevant courses: Data Science, Deep Learning, Artificial Intelligence, Natural Language Processing

University of Mumbai

Mumbai, India

Bachelor of Engineering (BEng) in Information Technology

June 2019

Relevant courses: Data Mining, Advanced Database Management System, Artificial Intelligence, Big Data Analytics

WORK EXPERIENCE

Fractal Analytics (Crux Intelligence)

Mumbai, India

Data Engineer

August 2021 – August 2022

- Developed and implemented highly efficient ETL data pipelines utilizing SCP file transfers, Azure Blob Storage, and Python libraries (NumPy, Pandas, Scikit-learn), adhering to best coding practices and resulting in an 80% reduction in execution time.
- Automated data pipeline processes through Python scripting, SQL queries, and Azure tools, enabling streamlined data extraction from a private network's Oracle database, complex data calculations, and automated REST API triggers.
- Designed and implemented interactive analytical dashboards to visualize key sales, performance, and incentive metrics across client hierarchies, driving user adoption and enabling data-driven decision-making.
- Conducted technical interviews and provided training to three team members, promoting skill development and supporting hiring initiatives.

CleverTap

Mumbai, India

Senior Customer Success Engineer

July 2019 – August 2021

- Resolved complex SDK integration issues across Android, Web, and iOS platforms, ensuring seamless client onboarding and retaining four churning clients through proactive communication and collaborative problem-solving.
- Developed a Java-based Android application featuring the CleverTap SDK for client demos, issue replication, and internal training. Spearheaded a proof-of-concept for real-time uninstall tracking in Android, integrating Firebase Analytics, CleverTap APIs, cloud functions (Node.js), and REST APIs.
- Analyzed JIRA support tickets using NLP techniques (keyword analysis and LDA topic modeling) to identify integration challenges and inform improvements to documentation and support resources.
- Managed, trained and mentored a team of five, fostering growth and productivity.

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java, C, C++, JavaScript, React

Software Tools: Postman, Dremio, Jupyter Notebook, Git, Android Studio, Unity, MySQL, PostgreSQL, JIRA, Splunk, Google Analytics, CleverTap, Firebase, BigQuery, Linux, Unix, Shell Script, AWS Lambda, S3, EC2, Putty, SCP, Webhooks, JSON, XML

Machine Learning: XGBoost, Random Forest, AdaBoost, SVM, Tensorflow, PyTorch, Time Series, Natural Language Processing (NLP)

Data Engineering and Analytics: NumPy, Pandas, Flask, BeautifulSoup, Selenium, Snowflake, Matplotlib, Tableau, Hadoop, SQL, Docker

Artificial Intelligence: Llama, Gemma, ChatGPT, Langchain, Word2Vec, RAG, GAN, Transformers, Prompt Engineering, Gemini API

Cloud: AWS, Azure, Google Cloud, Firebase

PROJECTS

Understanding Vector Representations of Words using Glove and Word2Vec

May 2024

- Explored semantic relationships between words using pre-trained Glove and Word2Vec embeddings. Visualized word vectors and performed vector arithmetic to analyze analogies and similarities.

Cat vs Dog Classification with Transfer Learning

November 2023

- Compared the performance of TensorFlow (Keras) and PyTorch models for image classification, leveraging transfer learning with MobileNetV2. Evaluated and visualized model performance using TensorBoard and standard classification metrics.

Power Consumption Prediction and Analysis for New York using FBProphet

May 2023

- Analyzed time series data of power consumption in New York City boroughs to identify trends and seasonality. Built a forecasting model using FBProphet to predict future power consumption, visualizing results and evaluating model accuracy.

Webscraper API

October 2020

- Built a Flask API with Selenium, BeautifulSoup, Gensim and basic authentication for capturing various meta data, icons, contact details, screenshot of the home page and summary of the website into a CSV file.

PUBLICATION

S. Jhaveri, I. Khedkar, Y. Kantharia and S. Jaswal, "Success Prediction using Random Forest, CatBoost, XGBoost and AdaBoost for Kickstarter Campaigns," 3rd International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2019.

Link: <https://ieeexplore.ieee.org/document/8819828>