YASH KANTHARIA

Jersey City, NJ 07306 | yashkantharia17@gmail.com | 551-344-8949
Portfolio: yashkantharia.github.io
linkedin.com/in/yashkantharia | github.com/yashkantharia | kaggle.com/yashkantharia | yashkantharia.medium.com

Experienced engineer with three years in data engineering and machine learning, currently pursuing a graduate degree in computer science at Pace University, seeking to leverage skills in Data Analytics, AI, and Data Engineering for innovative contributions in the field.

WORK EXPERIENCE

Fractal Analytics (Crux Intelligence)   Mumbai, India
Data Engineer   August 2021– August 2022
- Designed and implemented data pipelines with SCP file transfers and cloud services like Azure Blob Storage using Python libraries like NumPy, Pandas, and Scikit-learn, adhering to best practices for code readability and maintainability, resulting in a 60% reduction in execution time.
- Leveraged SQL proficiency to clean, manipulate, and analyze large datasets efficiently.
- Designed analytical dashboards, boosting user adoption by 30%.
- Conducted technical interviews and trained three team members.

CleverTap   Mumbai, India
Senior Customer Success Engineer   July 2019 – August 2021
- Resolved complex SDK integration issues for various platforms, employing Agile principles for rapid resolution.
- Innovated solutions in Java, JavaScript, HTML, CSS, and Python, increasing user adoption by 10% and retaining four clients.
- Converted potential client churns into retained customers through prompt investigation and resolution of critical issues.
- Managed and mentored a team of 5, enhancing skills and productivity.

EDUCATION

Pace University   New York, NY
Master of Science in **Computer Science** | **GPA: 3.81**   **Graduation: May 2024**
Relevant courses: Data Science, Deep Learning, Artificial Intelligence, Natural Language Processing

University of Mumbai   Mumbai, India
Bachelor of Engineering in Information Technology | CGPA: 7.62/10   August 2015 – June 2019
Relevant courses: Data Mining, Advanced Database Management System, Artificial Intelligence, Big Data Analytics

TECHNICAL SKILLS

Programming Languages: **Python**, **SQL**, Java, C, C++, JavaScript, Swift, React Native
Software Tools: Postman, Dremio, **Jupyter Notebook**, GitHub, Android Studio, Unity, **MySQL**, **PostgreSQL**, JIRA, Splunk, **Google Analytics**, CleverTap, Firebase, **Google BigQuery**, **Linux**, Unix, Shell Script, AWS Lambda, AWS S3, AWS EC2
Machine Learning: **XGBoost**, **Random Forest**, AdaBoost, SVM, **Tensorflow**, **PyTorch**, Time Series, NLP
Data Engineering and Analytics: **NumPy**, **Pandas**, **Flask**, BeautifulSoup, Selenium, LangChain, **Matplotlib**, **Tableau**
Cloud: AWS, Azure, Google Cloud, Firebase
Certifications:
- AI For Everyone (Coursera)
- Machine Learning A-Z™ (Udemy)
- Android Development (Udemy)
- SQL Function (Coursera)
- Python (Kaggle, HackerRank, DataCamp)

RESEARCH PROJECT AND PUBLICATION

Kickstarter Success Prediction using Machine Learning   September 2018 - March 2019
A comparative study on ML algorithms (XGBoost, CatBoost, Random Forest, AdaBoost) for predicting crowdfunding campaign success.
Publication: "Success Prediction using Random Forest, CatBoost, XGBoost and AdaBoost for Kickstarter Campaigns", International Conference on Computing Methodologies and Communication, 2019. *Link: https://ieeexplore.ieee.org/document/8819828*

PROJECTS

Data pipeline Automation   August 2021 – August 2022
- Implemented Python scripts to automate periodic data extraction from a private network's SQL database, executing complex calculations, formatting data into CSV or Parquet files, uploading them to Azure Blob Storage, and triggering an HTTP API.

Android Application integrated with CleverTap SDK   July 2020 – August 2021
- Developed Java-based Android app integrated with CleverTap SDK.
- Enabled client demos, issue replication, and team training.

Real-time Uninstall Tracking for Android Applications   September 2019 – January 2020
- Developed a proof-of-concept solution for real-time uninstall tracking in Android apps in Java.
- Utilized Firebase Analytics and CleverTap APIs to demonstrate data integration and real-time data processing using cloud functions (Node.js) and REST APIs.