Tushar Dhakad

(602)725-2594| www.linkedin.com/in/tushar-dhakad/| https://leetcode.com/u/tushar_dhakad/ | tdhakad@asu.edu

EDUCATION

Master of Science, Data Science   *Expected June 2026*
Arizona State University   *Tempe, AZ*
- Relevant Coursework – Analyzing Big Data, Artificial Intelligence, Data Visualization, Machine Learning.

Bachelor of Technology, Computer Science   *May 2022*
Rajiv Gandhi Proudyogiki Vishwavidyalaya   *GPA - 3.5/4*
- Relevant Coursework - Data Structures, Operating System, Database Management System, Machine Learning.

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, HTML, CSS, JavaScript
Skills: Data Structure, Algorithms, Docker, React JS, AWS, Git, GitHub, Jira, NumPy, Pandas, SciPy, Matplotlib, Django, PySpark, Apache airflow

ENGINEERING EXPERIENCE

Data Analyst   *July 2022 - July 2024*
Consultadd Services, Ltd.   *Pune, India*
- Collaborated with Guidehouse (US Client) where constructed a Next-Generation Loan Management Portal for the Small Business Administration (SBA), streamlining processes for over 2 million lenders and borrowers.
- Utilized AWS Glue Crawlers to automatically discover and catalog metadata about data stores, enabling efficient schema management and query capabilities through AWS Glue Data Catalog.
- Designed and implemented data transformation scripts in Python within AWS Glue to clean, normalize, and aggregate data, ensuring high data quality and consistency.
- Implemented reliable data workflows and scheduling with Apache Airflow, ensuring accurate execution of ETL tasks.
- Used PostgreSQL to manage and to store information to the system supports various business intelligence operations, analytics operations, and transaction processing.
- Developed microservices-based RESTful APIs using Django, facilitating a 50% increase in data exchange efficiency and reducing system response times.
- Led the development efforts of 5 engineers focused on building an optimized loan processing system using Python and Celery.
- Created highly optimized validation processes using Rules engine, resulting in a 40% boost in operational efficiency by enabling faster calculations across 10,000+ loan records.
- Implemented CI/CD pipelines using GitHub Actions to automate deployment of applications & ETL pipelines.

Data Analyst Intern   *January 2022 - June 2022*
Consultadd Services, Ltd.   *Pune, India*
- Designed an automated log management pipeline using Logstash, Beats, Elasticsearch, and Kibana, generating actionable insights and statistics for system performance.
- Analyzed large volumes of log data efficiently using Elasticsearch and Kibana, enabling real-time monitoring and fault detection across distributed systems.
- Examined log data using PySpark ML library to identify patterns and anomalies, resulting in a 30% reduction in performance bottlenecks and a 25% decrease in error rates.

PROJECTS

Sales Forecasting System   *January2024 - May 2024*
- Developed a sales forecasting system for a local vendor by analyzing five years of billing and transaction data to predict most frequently sold products.
- Formulated model to optimize stock levels, resulting in a 25% increase in sales by ensuring high-demand items were always available during peak seasons and festivals.

Expense Tracker   *December 2021 - May 2022*
- Engineered an app which automatically calculates and splits debts among individuals, enabling users to settle their balances seamlessly.
- Created a data visualization tool that breaks down spending patterns for individuals and groups.

AWARDS & HONORS

Consultadd Services   *July 2022 - July 2024*
- Earned 'Employee of the Month' 5 times.
- Earned 'Star Performer of the Month' honors on 4 occasions.