

Krutika Walzade

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EDUCATION

K.K. Wagh Institute of Engineering Education and Research Nashik, Maharashtra, India
Bachelor of Engineering in Information Technology (BE in IT) **July 2019 - May 2023**

SUMMARY

An enthusiast Data Engineer with experience in designing and implementing data pipelines, managing cloud infrastructure, and optimizing system performance. Proficient in Python, SQL and AWS services. Proven track record in leading projects and delivering actionable insights through data analysis.

SKILLS SUMMARY

- Languages:** Python, SQL, C/C++, HTML/CSS, JavaScript
- Frameworks:** Flask, Django, REST APIs, WordPress, Node.js
- AWS Services:** IAM, S3, EC2, Lambda, RDS, VPC, Redshift, CloudFront, DynamoDB, CloudWatch
- Dev-Ops:** ETL, Data Pipeline, Docker, CI/CD, Kubernetes, Git
- Big Data and Analytical Platforms:** Apache Spark, Kafka, Airflow, Databricks, Tableau, Power BI
- Core Subjects:** DSA, OOP, CN, OS, AI, ML, DL, NLP
- Libraries:** Pandas, NumPy, Matplotlib, Math
- AI/ML Tools:** LangChain, OpenAI GPT-4, DALL-E, Gemini, CLIP, Claude, OpenAI API
- Soft skills:** Communication, Team Collaboration, Problem-solving, Adaptability, Leadership, Interpersonal skills, Detail-oriented

WORK EXPERIENCE

Data Engineer (6 months contract) | Synergic Links Private Ltd – UK **July 2023 – June 2024**

- Collaborated on the FinTech project (UNO Digital Bank, Asia), contributing to key data flow tasks and data pipeline
- Implemented SQL queries, REST APIs, and Flask services to fulfil project requirements efficiently
- Integrated and maintained SaaS core digital engine and ODS, enhancing system performance and efficiencies
- Managed data ingestion processes, executed API calls and data pulls, administered staging layer SQL operations, and

Omni Sports Leader | Decathlon **Jan 2022 – May 2022**

- Led digital marketing initiatives as the primary POC (point of contact)
- Developed and implemented effective solutions to resolve POS (point of sales) issues, enhancing operational efficiency
- Managed CRM and AFS and oversaw inventory control

PROJECTS

Stock Market Analysis | Apache Kafka, Python, AWS

- Engineered a resilient system for real-time stock market data analysis
- Delivered actionable insights and trends crucial for strategic decision-making in financial markets.

IPL Data Analysis | Apache Spark, Python, Databricks

- Demonstrated proficiency in big data technologies, real-time data processing, and collaborative platforms.
- Leveraged technologies for comprehensive data analysis, showcasing expertise in big data technologies
- Orchestrated datasets seamlessly on Databricks, ensuring efficient data management and analysis.

Calorie Advisor | Google Gemini Pro Vision, Large Image Mode, Streamlit

- Developed a tool to analyze nutritional content of meals by processing food images.
- Utilized image recognition to accurately assess meal healthiness
- Provided detailed nutritional breakdowns to aid in informed dietary decisions

Movie Recommendation System | Python, Streamlit, Pycharm, Heroku

- Engineered and deployed a high-accuracy content-based movie recommendation system achieving an 80% accuracy rate.
- Implemented advanced vectorization techniques to enhance recommendation quality and user satisfaction.
- Designed an intuitive and interactive frontend with Streamit and Leveraged Heroku for seamless deployment

CERTIFICATIONS

- Internship training program in AWS (Amazon Web Services) at GB Softronics
- Microsoft office using AI tools by be10x
- Prompt Engineering (Chat GPT) by Coding ninjas/ studios