

Rayan Crasta - Data Analytics Developer

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Summary

Detail-oriented Data Analytics Developer with a strong background in system design, software development, and data management. Proven ability to investigate data issues, implement data quality processes, and extract actionable insights to optimize operations. Excellent communicator adept at stakeholder management and collaboration in diverse team environments. Seeking to leverage analytical skills to contribute to the success of a forward-thinking organization.

Work Experience

Mint People - Front of House Staff & Kitchen Porter (Part Time)

May 2024 – Aug 2024, UK

- Provided customer service in restaurants and clubs, handling reservations, seating, and resolving inquiries.
- Supported kitchen operations through dishwashing, food prep, and maintaining cleanliness.

Hap Solutions - Festival and Bar Staff (Part Time)

June 2024 – Aug 2024, UK

- Delivered excellent customer service at festivals and events, managed bar operations.

Royal Mail – Warehouse Operative (Part Time)

Nov 2023 – Dec 2023, Northampton, UK

- Loaded/unloaded shipments and sorted items efficiently to optimize workflow.

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed bash scripts to automate data processing tasks, resulting in significant efficiency improvements.
- Conducted security analysis on Angular and Spring Boot codebases, identifying vulnerabilities and ensuring data protection.
- Integrated third-party solutions into existing systems, enhancing data management capabilities.
- Executed manual web application security testing, improving overall application safety and reliability.

Qustac Technologies Pvt. Ltd - Android Development Intern (Part Time)

Mar 2020 – Jan 2021, Mumbai, India

- Developed an Android application using Android Studio and Java, integrating machine learning for content classification.
- Streamlined data processing through the implementation of efficient data handling techniques.

Projects

TweetOps: Twitter-like Tweet Ingestion and Search Backend [Blog](#) | [GitHub](#)

- Developed a backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch for tweet ingestion and search.
- Managed a dataset of 500K tweets, ensuring data quality and optimizing search functionalities.

MyShowSeat: Booking Service Backend [Blog](#) | [GitHub](#)

- Created a booking service backend using Go, Redis, and PostgreSQL, focusing on data integrity and performance optimization.
- Implemented data caching and authentication measures to enhance service security and user experience.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates, utilizing modern web technologies for real-time feedback and analytics.
- Built with React.js and FastAPI, emphasizing data handling and user interaction.

Education

University of Leicester

MSc Cloud Computing (Sept 2023 - 2024)

Mumbai University

Bachelor of Engineering, Information Technology (2021), 9.42 CGPA

Skills

- **Languages:** Python, Go, SQL, Bash, Java, JavaScript, ReactJS
- **Databases:** PostgreSQL, MongoDB, Redis
- **Tools:** Tableau, Docker, Kafka, Elasticsearch, Prometheus, Grafana, JIRA
- **Analytics:** Data cleansing, data transformation, machine learning
- **Soft Skills:** Communication, stakeholder management, teamwork, problem-solving, flexibility