

Rayan Crasta - Data Analytics Developer

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Summary

Detail-oriented Data Analytics Developer with strong technical skills in data analysis, software development, and database management. Committed to implementing data quality processes and extracting actionable insights to optimize operations. Excellent communicator with a collaborative approach to working across diverse teams. Seeking to contribute effectively to data-driven strategies and enhance operational efficiency.

Work Experience

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

May 2024 – Aug 2024, UK

- Provided customer service in restaurants and clubs, managing inquiries and ensuring a welcoming environment.
- Supported kitchen operations through dishwashing, food preparation, and maintaining cleanliness.

Hap Solutions - Festival and Bar Staff (Part Time)

June 2024 – Aug 2024, UK

- Delivered exceptional customer service at festivals and events, managing bar operations and addressing customer needs.

Royal Mail – Warehouse Operative (Part Time)

Nov 2023 – Dec 2023, Northampton, UK

- Loaded and unloaded shipments, sorted items efficiently to enhance workflow and ensure operational effectiveness.

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed bash scripts to automate compliance processes for 100+ Linux servers, significantly reducing manual hours. Awarded “Best Team” for the initiative.
- Conducted security analysis on codebases, identifying vulnerabilities and enhancing application security through integration of third-party solutions.
- Executed manual web application security testing, improving overall data security by addressing critical vulnerabilities.

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

Mar 2020 – Jan 2021, Mumbai, India

- Developed an Android application utilizing TensorFlow Lite for real-time image classification, enhancing user experience through effective content management.

Projects

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

- Designed a backend prototype using Go, FastAPI, and PostgreSQL to automate tweet ingestion and enable real-time search functionality.
- Managed a dataset of 500K tweets and implemented efficient data retrieval mechanisms using

Elasticsearch.

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

- Created a booking service backend with Go, Redis, and PostgreSQL, implementing data integrity measures and enhancing performance through caching.

Debate Management System (Dissertation Project)

- Developed a platform for managing debates, integrating real-time feedback and analytics to support educators. Used React.js and FastAPI to ensure responsive design and efficient data handling.

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, FastAPI, Java, Bash, SQL
- **Data Visualization:** Tableau
- **Databases:** PostgreSQL, MongoDB, Redis
- **Infra:** Linux, Docker, Kubernetes
- **Tools:** Kafka, Elasticsearch, JIRA
- **Soft Skills:** Communication, Teamwork, Stakeholder Management, Problem Solving, Flexibility