

Rayan Crasta - Data Analytics Developer

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Summary

Detail-oriented Data Analytics Developer with a solid foundation in data analysis, software development, and database management. Proficient in Python and SQL, and experienced in implementing data quality processes and documentation. Demonstrates strong communication and stakeholder management skills, with a team-oriented approach to problem-solving. Passionate about utilizing data to drive operational improvements and insights.

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 inquiries and resolving issues effectively.
- Supported operational efficiency through teamwork and by maintaining cleanliness and order in kitchen environments.

Hap Solutions - Festival and Bar Staff (Part Time)

June 2024 – Aug 2024, UK

- Delivered excellent customer service at festivals and events, contributing to smooth bar operations and customer satisfaction.

Royal Mail – Warehouse Operative (Part Time)

Nov 2023 – Dec 2023, Northampton, UK

- Efficiently loaded/unloaded shipments and sorted items, optimizing workflow and ensuring accuracy in operations.

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed bash scripts to automate the hardening process of over 100+ Linux servers for compliance based on CIS benchmarks, saving 900+ hours of manual compliance hours. Awarded “Best Team” for performance.
- Conducted security analysis on Angular and Spring Boot codebases using Checkmarx and Fortify WebInspect, identifying vulnerabilities impacting data integrity.
- Integrated third-party antimalware and data tokenization solutions, enhancing data security within the architecture.
- Conducted manual web application security testing using OWASP ZAP and Burpsuite, improving application security by addressing vulnerabilities.

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 TensorFlow Lite for image classification, showcasing ability to leverage machine learning in practical applications.

Projects

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

- Developed a backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch, focusing on data ingestion and search functionalities.
- Managed a dataset of 500K tweets, ensuring data quality and real-time availability through automated processes.

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

- Created a booking service backend prototype using Go, Redis, and PostgreSQL, implementing data handling and performance optimization techniques for high-traffic scenarios.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates, utilizing React.js and FastAPI for responsive features and real-time updates, demonstrating capabilities in data management and analytics.

Education

University of Leicester

MSc Cloud Computing (Sept 2023 - 2024)

Mumbai University

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

Skills

- **Languages:** Python, SQL, Go, Bash, JavaScript, Java, ReactJS
- **Databases:** PostgreSQL, MongoDB, Redis
- **Tools:** Tableau, Kafka, Elasticsearch, Prometheus, Grafana, JIRA
- **Infra:** Linux, Docker, Kubernetes, Openshift
- **Soft Skills:** Communication, Teamwork, Problem-solving, Stakeholder Management, Adaptability
- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP