

# Rayan Crasta - Graduate Developer

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**Location:** Leeds, UK | [LinkedIn](#) | <http://rayancrasta.com> | [GitHub](#)

**Visa:** Graduate Visa till December 2026

## Summary

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Motivated graduate developer with a strong foundation in software engineering, system design, and database management. Experienced in full-stack development, including coding and integration for complex systems. Eager to leverage technical skills to contribute to innovative projects, particularly in building energy management and IoT environments. Committed to delivering efficient, sustainable solutions and enhancing client experiences.

## Work Experience

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### **Primark** - Retail Assistant

*Nov 2024 – Present, UK*

- Delivered exceptional customer service by assisting shoppers with inquiries, product selections, and transactions in a fast-paced retail environment.
- Maintained a visually appealing and organized sales floor, ensuring stock levels were replenished and displays adhered to company standards.
- Efficiently handled point-of-sale transactions and resolved customer concerns to enhance the shopping 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.

### **Tata Consultancy Services** – Assistant Systems Engineer (Full Time)

*June 2021 – Aug 2023, Mumbai, India*

- Developed bash scripts to automate processes for over 100+ Linux servers, significantly improving compliance and operational efficiency.
- Conducted security analysis on Angular and Spring Boot codebases, successfully identifying and mitigating vulnerabilities.
- Integrated third-party solutions into existing architectures, enhancing system performance and reliability.
- Conducted web application security testing, improving application security and resilience.

### **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 real-time classification of explicit and non-explicit images.
- Streamlined machine learning models to automate actions based on content detection, enhancing user experience.

## Projects

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

- Developed a backend prototype for tweet ingestion and search using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch.
- Managed a dataset of 500K tweets with real-time search capabilities and created user functionalities with efficient data retrieval.

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

- Developed a booking service backend with Go, Redis, and PostgreSQL, implementing booking logic and ensuring a seamless user experience.
- Incorporated JWT token-based authentication for secure access to services.

### **Debate Management System (Dissertation Project)**

- Designed a platform for managing structured debates, utilizing React.js for responsive UIs and FastAPI for backend logic.
- Integrated PostgreSQL for authentication and MongoDB for storage, enhancing user engagement through real-time feedback features.

## Education

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### **University of Leicester**

*MSc Cloud Computing (Sept 2023 - 2024)*

### **Mumbai University**

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

## Skills

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- **Languages:** Python, Go, JavaScript, Java, FastAPI, Bash, Django, ReactJS
- **Databases:** PostgreSQL, MongoDB, Redis
- **Infra:** Linux, Docker, Kubernetes
- **Tools:** Kafka, Elasticsearch, Prometheus, Grafana, JIRA
- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP
- **Soft Skills:** Strong communication, project management, problem-solving, client support