

Rayan Crasta - Software Developer

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

Visa: Graduate Visa till December 2026

Summary

Proactive software developer with experience in system design, software development, and database management. Eager to leverage technical skills in developing high-performance applications with a focus on enhancing user experience in eCommerce environments. Committed to collaboration and continuous learning in a supportive team setting.

Work Experience

Primark - Retail Assistant

Nov 2024 – Present, UK

- Delivered exceptional customer service by assisting shoppers with inquiries and transactions in a fast-paced retail environment.
- 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, managing reservations, seating, and 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, effectively managing bar 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, saving 900+ hours of manual compliance efforts. Received “Best Team” award for contributions.
- Conducted security analysis on Angular and Spring Boot codebases using Checkmarx and Fortify WebInspect, identifying and mitigating critical vulnerabilities.
- Integrated third-party antimalware and data tokenization solutions into existing architectures, enhancing security.
- Conducted manual web application security testing using OWASP ZAP and Burpsuite, identifying and addressing vulnerabilities to enhance application security.

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.
- Created a streamlined machine learning model to facilitate automatic actions upon detecting explicit content within image files.

Projects

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

- Developed a backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch, managing a dataset of 500K tweets.
- Implemented real-time tweet search and created user functionalities with PostgreSQL and Elasticsearch.

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

- Developed a booking service backend using Go, Redis, and PostgreSQL, implementing booking logic and payment verification for a seamless user experience.
- Enhanced performance with Redis caching and incorporated JWT token-based authentication for secure service access.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates, incorporating gamification and real-time feedback.
- Built using React.js for responsive UIs and FastAPI for backend logic, with PostgreSQL and MongoDB for data management.

Education

University of Leicester

MSc Cloud Computing (Sept 2023 - 2024)

Mumbai University

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

Skills

- **Languages:** JavaScript, TypeScript, Go, Python, FastAPI, Bash, Java, 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 teamwork and communication abilities
- Positive, proactive, and adaptable
- Collaborative with a keen eye for time management