

Rayan Crasta - Software Engineer

Email: rayancrasta95@gmail.com | **Contact:** +44 7767591427

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

Summary

Dynamic software engineer with a foundational understanding of IT operations, system design, and software development. Eager to apply technical skills and provide first-line support to users in a school environment. Committed to delivering high-quality solutions, enhancing user experience, and driving innovation in collaborative team settings. Seeking an apprenticeship role to grow professionally and contribute meaningfully to the tech industry.

Work Experience

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

May 2024 – Aug 2024, UK

- Provided exceptional customer service in restaurants and clubs, managing reservations, seating, and resolving inquiries.
- Supported kitchen operations by ensuring cleanliness and assisting in food preparation, showcasing effective teamwork and attention to detail.

Hap Solutions - Festival and Bar Staff (Part Time)

June 2024 – Aug 2024, UK

- Delivered outstanding customer service at festivals and events while managing bar operations, demonstrating strong communication and problem-solving skills.

Royal Mail – Warehouse Operative (Part Time)

Nov 2023 – Dec 2023, Northampton, UK

- Efficiently loaded/unloaded shipments and sorted items to optimize workflow, highlighting organizational skills and the ability to work under pressure.

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 over 900 hours of manual compliance time and contributing to team efficiency.
- Conducted security analysis on Angular and Spring Boot codebases, identifying and mitigating vulnerabilities to enhance application security.
- Integrated third-party solutions into existing architectures, showcasing adaptability and technical skills.
- Conducted manual web application security testing, identifying and resolving critical issues.

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 real-time classification, demonstrating technical skills and creativity.

Projects

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

- Designed and developed a backend prototype using Go, FastAPI, Kafka, PostgreSQL, and

Elasticsearch, managing a large dataset and ensuring real-time search capabilities.

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

- Created a booking service backend prototype, implementing robust booking logic and ensuring a seamless user experience.

Debate Management System (Dissertation Project)

- Developed a platform for managing structured debates, utilizing modern frameworks for responsive design and real-time updates, showcasing technical proficiency and project management skills.

Education

University of Leicester

MSc Cloud Computing (Sept 2023 - 2024)

Mumbai University

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

Skills

- **Languages:** Go, Python, FastAPI, Django, Bash, JavaScript, Java, ReactJS
- **Databases:** PostgreSQL, MongoDB, Redis
- **Infra:** Linux, Docker, Kubernetes, Openshift
- **Tools:** Kafka, Elasticsearch, Prometheus, Grafana, JIRA
- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP
- **Soft Skills:** Strong communication, problem-solving, teamwork, attention to detail, adaptability