

Rayan Crasta - Software Engineer

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

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

Summary

Dynamic software engineer proficient in system design, software development, and database management, with a strong focus on Python and Django. Eager to apply technical skills to build high-performance applications that enhance user experience in healthcare technology. Committed to collaboration and innovation in dynamic team environments, seeking opportunities to contribute to meaningful projects that improve healthcare accessibility.

Work Experience

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

May 2024 – Aug 2024, UK

- Provided customer service in restaurants and clubs, effectively handling reservations, seating, and resolving inquiries.

Hap Solutions - Festival and Bar Staff (Part Time)

June 2024 – Aug 2024, UK

- Delivered excellent customer service at festivals and events, efficiently managing bar operations.

Royal Mail – Warehouse Operative (Part Time)

Nov 2023 – Dec 2023, Northampton, UK

- Loaded/unloaded shipments and sorted items efficiently to optimize workflow.

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed bash scripts to automate compliance processes for over 100+ Linux servers, saving 900+ hours of manual effort. Recognized with the “Best Team” award.
- 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 architecture.
- Performed manual web application security testing using OWASP ZAP and Burpsuite, enhancing 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.

Projects

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

- Developed a Twitter-like backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch.
- Managed a dataset of 500K tweets, ensuring efficient ingestion and real-time search capabilities.

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

- Created a booking service backend prototype using Go, Redis, and PostgreSQL, ensuring seamless user experience during high traffic.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates using React.js and FastAPI, providing real-time

feedback 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, Go, FastAPI, Django, JavaScript, Java, Bash, ReactJS
- **Databases:** PostgreSQL, MongoDB, Redis
- **Infra:** Linux, Docker
- **Tools:** Kafka, Elasticsearch, Prometheus, Grafana, JIRA, Git
- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP
- **Soft Skills:** Problem-solving, Team collaboration, Adaptability, Continuous learning, Attention to detail