

Rayan Crasta - Software Developer

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Summary

Detail-oriented software developer skilled in web application development, data analysis, and system optimization. Passionate about building user-friendly applications that enhance operational efficiency and decision-making. Eager to contribute to a collaborative team environment and drive continuous improvement initiatives in a dynamic organization.

Work Experience

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 and maintained automation scripts to enhance operational efficiency, saving over 900 hours in manual compliance tasks for Linux server hardening.
- Conducted security analysis on Angular and Spring Boot codebases, identifying and mitigating critical vulnerabilities to improve application security.
- Integrated third-party antimalware and data tokenization solutions, optimizing existing systems and enhancing data protection.
- Conducted manual web application security testing, improving overall security posture through detailed analysis and remediation.

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 model implementation to automate actions based on detected content.

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 for real-time search functionalities.
- Created operational dashboards for monitoring tweet ingestion and search performance.

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

- Developed a booking service backend using Go, Redis, and PostgreSQL, implementing booking logic and enhancing performance through caching and asynchronous processing.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates, utilizing React.js for responsive UIs and FastAPI for backend logic.
- Incorporated real-time tracking and feedback mechanisms to enhance user engagement and operational efficiency.

Education

University of Leicester

MSc Cloud Computing (Sept 2023 - 2024)

Mumbai University

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

Skills

- **Languages:** Python, JavaScript, HTML, CSS, Go, 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 problem-solving skills, attention to detail, effective communication, collaborative teamwork, adaptability.