Rayan Crasta - IVVQA Systems Engineer

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Visa: Graduate Visa till December 2026

Summary

Results-driven IVVQA Systems Engineer with a strong foundation in system design, integration, and software development. Experienced in ensuring the quality and performance of complex systems through meticulous testing and validation. Committed to fostering collaborative team environments and enhancing processes to meet customer requirements. Seeking to leverage technical expertise and problem-solving abilities to contribute to innovative maritime solutions.

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.
- 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, managing bar operations.

Tata Consultancy Services – Assistant Systems Engineer (Full Time)
June 2021 – Aug 2023, Mumbai, India

- Developed automation scripts for compliance hardening of over 100 Linux servers, significantly reducing manual effort and enhancing operational efficiency.
- Conducted security analysis on Angular and Spring Boot applications, identifying vulnerabilities and implementing mitigation strategies.
- Integrated antimalware solutions and performed manual web application security assessments, reinforcing system integrity.
- Collaborated with cross-functional teams to generate technical specifications and documentation for projects.

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 image classification.
- Streamlined machine learning processes to automate content moderation within the application.

Projects

TweetOps: Twitter-like Tweet Ingestion and Search Backend Blog | GitHub

- Designed a backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch for managing and searching large datasets.
- Developed test plans and specifications for ensuring high-quality integration and system functionality.

MyShowSeat: Booking Service Backend Blog | GitHub

- Created a booking service backend with focus on seamless user experience during high traffic, incorporating testing methodologies for system verification.

Debate Management System (Dissertation Project)

- Developed a platform for managing structured debates, utilizing real-time tracking and analytics to enhance user engagement and feedback.

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, Bash, JavaScript, Java, Django, ReactJS
- **Databases**: PostgreSQL, MongoDB, Redis
- **Infra**: Linux, Docker, Kubernetes
- **Tools**: JIRA, MS Office, Visio
- **Security**: Burpsuite, Checkmarx, WebInspect, OWASP ZAP
- **Soft Skills**: Strong problem-solving abilities, effective communication, collaboration, adaptability, and a proactive approach to learning new technologies.