Rayan Crasta - Full-Stack Developer

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Visa: Graduate Visa till December 2026

Summary

Dedicated Full-Stack Developer with a solid foundation in both front-end and back-end technologies. Skilled in designing, developing, and maintaining web applications that are scalable and user-friendly. A collaborative team player eager to leverage technical expertise in a dynamic software development environment, while continuously learning and applying best practices.

Work Experience

Primark - Retail Assistant
Nov 2024 – Present, UK

- Delivered exceptional customer service, assisting shoppers with inquiries and product selections in a fast-paced retail environment.
- Efficiently managed point-of-sale transactions and resolved customer concerns, enhancing overall shopping experiences.

Mint People - Front of House Staff & Kitchen Porter (Part Time)
May 2024 – Aug 2024, UK

- Provided customer service in restaurants and clubs, managing reservations and seating while addressing 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 efficiently.

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, saving over 900 hours of manual compliance work and earning the "Best Team" award.
- Conducted security analysis on Angular and Spring Boot codebases, identifying and mitigating vulnerabilities to enhance application security.
- Integrated third-party solutions into existing architectures, focusing on performance and security improvements.
- Conducted manual web application security testing, effectively troubleshooting and debugging issues to ensure high-quality outputs.

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 images.
- Streamlined machine learning models to facilitate automatic actions based on image content detection.

Projects

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

- Designed a Twitter-like backend using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch, focusing on efficient data ingestion and search functionalities.
- Implemented user and tweet search features, ensuring responsive and scalable interactions with a dataset of 500K tweets.

MyShowSeat: Booking Service Backend Blog | GitHub

- Created a backend service for booking management using Go, Redis, and PostgreSQL, ensuring seamless user interactions during high traffic.
- Developed APIs to manage booking logic, integrating JWT token-based authentication for secure service access.

Debate Management System (Dissertation Project)

- Built a platform for managing structured debates, utilizing React.js for responsive UIs and FastAPI for backend logic with PostgreSQL for data management.
- Employed Redis for real-time updates and WebSockets for live debate interactions, enhancing user experience.

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, JavaScript, Java, Bash, ReactJS
- **Databases**: PostgreSQL, MongoDB, Redis
- **Infra**: Linux, Docker, Kubernetes
- **Tools**: Kafka, Elasticsearch, Prometheus, Grafana, JIRA
- **Web Technologies**: HTML, CSS, RESTful API development
- **Security**: Burpsuite, Checkmarx, WebInspect, OWASP ZAP

Soft Skills

- Strong problem-solving and troubleshooting skills
- Excellent communication and teamwork abilities
- Ability to work independently and manage multiple tasks effectively
- Passion for learning new technologies and improving coding practices