

Sure! Here's an updated version of your resume tailored to the job description provided:

Rayan Crasta - Software Engineer

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Summary

Results-driven software engineer with over 2 years of experience specializing in backend development using Go. Proven expertise in designing scalable solutions, integrating APIs, and optimizing performance within service-oriented architectures. Strong background in application security and cloud computing, with a passion for creating elegant, high-quality solutions. Eager to contribute to a growth-oriented team focused on enhancing merchant-facing platforms.

Work Experience

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed automation scripts in Bash for the hardening of over 100+ Linux servers, improving compliance efficiency and earning the "Best Team" award.
- Conducted security analysis on Angular and Spring Boot applications, identifying and mitigating critical vulnerabilities, thus enhancing overall application security.
- Integrated third-party antimalware and data tokenization solutions, improving system resilience and data protection.
- Engaged in manual web application security testing, utilizing OWASP ZAP and Burpsuite, identifying vulnerabilities to enhance security posture.

Qustac Technologies Pvt. Ltd - Android Development Intern (Part Time)

Mar 2020 – Jan 2021, Mumbai, India

- Developed an Android application utilizing TensorFlow Lite for real-time classification of explicit and non-explicit images, showcasing strong problem-solving skills and technical acumen.

Projects

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

- Designed and implemented a scalable backend prototype using Go, FastAPI, Kafka, PostgreSQL, and Elasticsearch, capable of handling large datasets and enabling real-time search functionalities.
- Developed user and tweet search features, leveraging PostgreSQL and Elasticsearch for optimized data retrieval.

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

- Engineered a booking service backend utilizing Go, Redis, and PostgreSQL, implementing robust booking logic and ensuring high performance during peak traffic.
- Incorporated JWT token-based authentication and Redis caching for improved security and scalability.

Debate Management System (Dissertation Project)

- Developed a comprehensive platform for managing academic debates, employing React.js for responsive UI and FastAPI for backend operations.
- Integrated real-time tracking with Redis and WebSockets for live updates during debate sessions, enhancing user engagement and interactivity.

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
- **Infrastructure:** AWS, EKS, Docker
- **Tools:** Kafka, Elasticsearch, Prometheus, Grafana
- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP
- **Knowledge:** API integrations, service-oriented architecture, web technologies (HTTP, TLS, proxies)

This updated resume emphasizes your experience relevant to the job description, particularly your Go programming language expertise, backend development, and API integration skills. It also highlights your experience with scalable solutions and dedication to security and performance, which aligns with the requirements of the position.