

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

Rayan Crasta - Software Engineer

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Summary

Dedicated software engineer with over 2 years of hands-on experience in backend development, specializing in building scalable applications using Go. Proven expertise in system design, API integrations, and database management. Passionate about delivering high-quality solutions and optimizing performance in fast-paced environments. Seeking to leverage my technical skills and business acumen within a dynamic team to enhance merchant-facing platforms.

Work Experience

Tata Consultancy Services – Assistant Systems Engineer (Full Time)

June 2021 – Aug 2023, Mumbai, India

- Developed and maintained backend functionalities using Go, focusing on system scalability and performance optimization.
- Automated the hardening process of over 100+ Linux servers with bash scripts, saving 900+ hours of manual work; awarded “Best Team” for this initiative.
- Conducted security analysis and vulnerability assessments for applications using Checkmarx and Fortify WebInspect, ensuring compliance with industry standards.
- Integrated third-party APIs and antimalware solutions, enhancing data security and system reliability.
- Collaborated with cross-functional teams to design and implement RESTful APIs, facilitating seamless communication with external systems.

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

Mar 2020 – Jan 2021, Mumbai, India

- Developed an Android application integrating TensorFlow Lite for real-time image classification, demonstrating innovative problem-solving and technical skills.

Projects

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

- Developed a backend prototype using Go, FastAPI, Kafka, and PostgreSQL, managing a dataset of 500K tweets with a focus on scalability and real-time search capabilities.
- Implemented user and tweet search functionalities with pagination, showcasing expertise in API development and database management.

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

- Created a robust booking service backend using Go, Redis, and PostgreSQL, implementing critical features like seat availability checks and payment verification under high load.
- Leveraged Go's concurrency model and Redis caching for improved performance and scalability.

Debate Management System (Dissertation Project)

- Designed a platform for managing structured debates using React.js and FastAPI, with PostgreSQL and MongoDB for data storage.
- Utilized WebSockets for real-time updates and analytics, enhancing user engagement and feedback mechanisms.

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, DynamoDB
- **Cloud/Infra:** AWS, EKS, Linux, Docker
- **Tools:** Kafka, Elasticsearch, Prometheus, Grafana

- **Security:** Burpsuite, Checkmarx, WebInspect, OWASP ZAP
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Key Adjustments Made:

1. **Tailored Summary:** Highlighted relevant experience with Go and scalability to match the job requirements.
2. **Emphasized Experience:** Focused on your role at Tata Consultancy Services, particularly around backend development, API integration, and collaboration with teams.
3. **Project Descriptions:** Highlighted your experience with relevant technologies and demonstrated problem-solving skills.
4. **Skills Section:** Included DynamoDB to match the job description and emphasized AWS and EKS experience.

This version of your resume is tailored to align closely with the job description and showcases your relevant experience and skills.