GHASSAN AL KULAIBI

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EDUCATION

The University of Manchester *Sep 2021 - May 2024*
BSc (Hons) Computer Science
- **First Class. GPA 4/4.**
- First year overall grade **83%** .
- Microcontrollers 83%, Introduction to AI 79%, Database Systems 87%, Data Science 78%
- Currently working on final year project, developing text classification models using language models.

The University of Warwick *Sep 2020 - July 2021*
International Foundation Programme, Engineering
- One year intensive A-Level equivalent course (Distinction, A-level equivalency: A* A* A* A*). Achieved an average Grade of 92%, first in the cohort.
- Received Student Contribution Award.

SKILLS

Technical: Python, Go Java, SQL, Docker, Git

WORK EXPERIENCE

Rihal.om July - Sep 2023
Software Engineer Intern

- Led a team of 5 in developing an innovative internal product using **Go**, **TypeScript**, **React**, **Docker**, **Postgres** and **Keycloak**, saving the company **10s** of hours monthly and boosting client satisfaction rates by over **20**%.
- Enhanced the **test coverage by 10%** for an extensive codebase comprising over **100,000 lines**, elevating code quality and system resilience.
- Engineered **DevOps** solutions utilising **GitHub Actions**, and managing deployments through **docker**.
- Utilised **Agile Scrum** techniques to enhance management practices, boosting team productivity and project progression.

PROJECTS

Python PDF (Python, FastAPI, MongoDB, Minio, Docker)
- Developed a FastAPI-based RESTful API that provides endpoints for uploading, downloading, and manipulating PDF files. The app uses MongoDB for database, MinIO for file storage, JWT for authentication, and Docker/Docker Compose for containerisation.

Book Your Event (Java, Spring Boot, Mockito, JUnit)
- Collaborated in a five-member team, implementing a Java Spring Boot web application for efficient management and booking of events and venues.
- Constructed an in-depth test suite, fortifying application integrity and performance, using Mockito and JUnit.

VOLUNTEERING

Omani Students Advisory Council *Feb 2023 -*
Treasurer
- Orchestrated budgeting for OSAC **(2,000+ members)**, steered financial adherence, fostered sponsor relations, and co-envisioned long-term strategic goals with the chair.

ACADEMIC ACHIEVEMENTS

- Received The Government of Sultanate of Oman Excellence Scholarship which worth over £250,000.

-The University of Warwick scholarship, worth £5000. 2020