

NIZAR

Sri Lanka (Open to Remote) | (+94) 742530708 | nizarhaider@gmail.com

[Linkedin](#) | [Github](#)

TECHNICAL SKILLS

Languages | Python, Javascript, SQL (AWS Redshift & Postgress)

Web Frameworks | Flask, Django, React, NextJS

Developer Tools | Docker, Git, Jira, Jenkins, Kubernetes, GCP, AWS

EXPERIENCE & PROJECTS

Junior Data Scientist, MINDVALLEY

Jan 2022 - Dec 2022

Development and maintence of recommendation engines

Tensorflow | Docker | Kubernetes | Bigquery | SQL

- Optimized recommendation engine performance by 20% by fixing redundancies in the ETL pipeline and deployed docker images on kubernetes cluster for testing.
- Led a social media analytics project using NLTK for tweet sentiment analysis, resulting in a demo dashboard deployed on Google App Engine within 1 week.
- Developed a Data Studio dashboard to evaluate recommendation engine performance for over 1 million active users for the analytics team.

AI Intern, DOCTOR ON CALL

May 2021 - Nov 2021

Built detection models for medical applications

Python | Javascript | Firebase | Flask

- Collaborated with a team to develop a skin cancer detection model using YOLOv5 and built endpoint for REST api to call training data into jupyter script, winning first place at the UN competition.
- Deployed an AI project that was able to measure heart rate through computer vision at 89% accuracy onto Heroku.
- Automated download, extraction, and conversion of files for corporate, reducing manpower by 75% (from 4 to 1).

AI intern, IMAGINE AI

Jan 2021 - April 2021

Developed defect detection applications through computer vision

Pytorch | Python | OpenCV | Tkinter | Firebase | Jira

- Built an ensemble model for a glove manufacturing client using YOLOv5 detectors and EfficientNet classifiers.
- Led a team of 4 to develop a prototype of a contact lens inspection model using OpenCV libraries for image preprocessing and threshold contouring.
- Used an ensemble of YOLOv5 and Pytesseract-OCR to inspect bottle labels for a client.

RoastMe (subroast.me)

2023 - present

Flask Web application that extracts facial embeddings to generate comments

JavaScript | Python | Facenet | MTCNN | GCP

- Deployed flask web application through CI/CD on Cloud Build with over 500 daily visits
- Trained model on 145,000 facial embeddings and over 0.5M comments from subreddit r/RoastMe
- Extracted over 1 TB of data through Reddit Api (PRAW & Pushshift) through linux VM and automated pipelines through bash scripts

EDUCATION

Universiti Teknologi Malaysia, (CGPA: 3.89)

2019 - 2023

BSc. in Artificial Intelligence