

# Kaung Myat Soe

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 <https://github.com/KaungMyatSoe13>

## EDUCATION

### UNIVERSITY OF WOLLONGONG

BACHELOR OF COMPUTER SCIENCE, BIG DATA

EXPECTED GRADUATION - MARCH 2025

### SINGAPORE INSTITUTE OF MANAGEMENT

DIPLOMA IN INFORMATION TECHNOLOGY

GRADUATED - APRIL 2023

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## TECHNICAL SKILL

**LANGUAGES:** HTML, JAVASCRIPT, PYTHON, JAVA

**DATABASES:** MONGODB, MYSQL, FIREBASE REALTIME DATABASE

**MACHINE LEARNING:** SUPERVISED LEARNING, UNSUPERVISED LEARNING, NLP, COMPUTER VISION

**FRAMEWORKS & LIBRARIES:** REACT, NODE.JS, REACT-NATIVE, SCIKIT-LEARN, PANDAS, NUMPY, MATPLOTLIB, SCIKIT LEARN, SEABORN

**FRAMEWORKS/TOOLS:** HADOOP, JUPYTER, GIT, GOOGLE COLAB

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## RECENT PROJECT

### PEAKFIT

#### ADMIN DASHBOARD BACKEND

- DEVELOPED A **NODE.JS BACKEND** FOR AN ADMIN DASHBOARD, MANAGING AUTHENTICATION, USER ROLES, AND API REQUESTS.
- INTEGRATED **FIREBASE AS THE PRIMARY DATABASE**, ENABLING REAL-TIME DATA STORAGE AND SYNCHRONIZATION.
- IMPLEMENTED **YOUTUBE API** INTEGRATION FOR **VIDEO SEARCHING AND STORING** SELECTED VIDEOS IN FIREBASE.

#### FACE RECOGNITION SYSTEM

- DEVELOPED A **FACE RECOGNITION SYSTEM** USING **VGG** WITH **TRANSFER LEARNING** FOR ACCURATE USER AUTHENTICATION.
- INTEGRATED **WEBCAM FUNCTIONALITY** FOR REAL-TIME FACE DETECTION.
- USED **TENSORFLOW** AND **PYTORCH** FOR MODEL TRAINING AND DEPLOYMENT.

#### IJUDGE(SENTIMENT ANALYSIS WEB-APP)

- DEVELOPED A SENTIMENT ANALYSIS WEBSITE USING DISTILBERT WITH TRANSFER LEARNING FOR IMPROVED ACCURACY.
- FINE-TUNED THE PRETRAINED DISTILBERT MODEL ON A CUSTOM DATASET FOR BETTER PERFORMANCE.
- INTEGRATED FLASK TO DEPLOY THE MODEL AS A WEB APPLICATION.