

OM MULE

SOFTWARE DEVELOPER

 Portfolio website  om-mule  Om4AI
 ommule401@gmail.com

TECHNICAL SKILLS

Programming Languages -

Python | Java | SQL | C++ | C | PHP |
JavaScript

Frameworks & Skills -

Docker | Kubernetes | Deep Neural
Networks | ML Algorithms | TensorFlow |
MySQL | GCP | Keras | Scikit-Learn | Git |
OCI | Helm | DevOps

CERTIFICATIONS

- **Oracle** - OCI AI Foundations Associate
- **DeepLearning.AI** - TensorFlow Developer Specialization
- **DeepLearning.AI** - Deep Learning Specialization
- **IBM** - IBM Applied AI Specialization
- **University of Toronto** - Introduction to Self-Driving Cars

PUBLICATIONS

- Mule Om *et al* (2025) "Improved real-time Lithium-ion battery parameter extraction and prediction analysis using ML framework" Eng. Res. Express 7 025314

EDUCATION

Vellore Institute of Technology, Vellore

B. Tech Computer Science
July 2019 - 2023 | CGPA - 9.33

EXPERIENCE

Software Developer 1

Oracle (July 2023 - Present)

- Working as part of the CN SBC team to develop a backend framework for executing the complete testsuite of 8000+ testcases for Oracle's CN SBC
- Worked on the development of features like SIPI (SIP ISUP), HA (High Availability), IP Overlapping, Build From Source

Project Intern

Oracle (Jan 2023 - July 2023)

- Worked with the CN SBC ATS (Automated Test Suite) backend team to develop a customer facing application for product
- Learned better software development practices through product feature creation

Machine Learning Intern

Coneio Exim Private Limited (May 2021 - July 2021)

- Researched new Unsupervised NLP algorithms to solve NLP tasks for 6 different datasets.
- Worked on tokenization, tag creation & mapping to classify instances into classes using more than 7000 instances of data.
- Improved accuracy by 40% using problem solving skills.

PROJECTS

COVID-19 Face Mask Detector

- A Deep CNN model using TensorFlow & Keras, for real time face mask detection. Deployment through webapp.
- Transfer Learning technique was used to improve accuracy to 98% along with other frameworks.

NLP Semantic Adherence Checker

- Unsupervised NLP algorithm to check the semantic adherence of a user query with given text data.
- NLTK, Chunking, TF-IDF algorithms & frameworks used.

Emotion Detector

- Deep Neural Network model to classify 7 types of emotions.
- Used the principle of Transfer Learning to achieve better accuracy.
- Deployed a webapp using Streamlit for static image & live predictions