THIAGARAJAR COLLEGE OF ENGINEERING
(A Government Aided ISO 9001:2000 Certified Autonomous Institution Affiliated to Anna University)
Contact Address: C/o The Placement officer, Thiagarajar College of Engineering, Madurai – 625015
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RESUME

PROFESSIONAL OBJECTIVE

NAME: AAKASH V

REG NO: 18IT001

DEGREE: BACHELOR OF TECHNOLOGY

- INFORMATION TECHNOLOGY

To secure a position in a visionary engineering environment where I can expand my knowledge and apply my problem-solving skills that will contribute to organization's growth.

ACADEMIC RECORD

CLASS / COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	CGPA/ MARKS (%)
B Tech (IT)	THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI	Anna University	2022	8.79*
XII	MOUNT ZION MATRICULATION HIGHER SECONDARY SCHOOL, PUDUKKOTTAI.	State board	2018	95.25
X	MOUNT ZION MATRICULATION HIGHER SECONDARY SCHOOL, PUDUKKOTTAI.	State board	2016	95.2

*Pursuing

TECHNICAL EXPERTISE

Programming Languages   : Python, Java, C.

Frameworks and Libraries   : NumPy, Pandas, Matplotlib, OpenCV, Scikit-Learn, Keras,

                                 Pytorch.

Other Skills   : Docker, Kubernetes, MySQL.

AREAS OF INTEREST

- Data Science
- Machine Learning
- Containerization

PROJECTS

TITLE: WALMART SALES FORECASTING
Technologies: Machine Learning

The sales quantity of each product is predicted using the previous sales data for period of 28 days.

TITLE: BAYMAX SIMULATION
Technologies: Face Recognition, Deep Learning

Baymax a fictional character is simulated using face recognition, speech recognition and emotion detection using Deep learning.

TITLE: MACHINE FAILURE PREDICTION
Technologies: Machine Learning

Using several part's measurements across the Machine, Failure of the machine is predicted with Machine Learning.

TITLE: COVID-19 CLASSIFICATION
Technologies: Deep Learning, Docker, Kubernetes

A person is classified either COVID-19 positive/negative with his/her lung X-ray image using Deep Learning and the application is deployed onto Google cloud with Python flask, Docker and Kubernetes.

TITLE: TSS CAR WEBAPP
Technologies: MYSQL, PHP

Created Web application for the TSS Advanced Research Centre in Thiagarajar College of Engineering.

CO-CURRICULAR ACTIVITIES

- Publications:

    - *Book Chapter: Forecasting of Novel Corona Virus Disease (Covid-19) using LSTM and XGBOOST Algorithms.*

    - *Blog: M5 Forecasting- Accuracy – Time Series forecasting using Walmart Sales data.*

- Kaggle Competitions:

    - *Secured Top 12% in SIIM-ISIC Melanoma Classification.*
        - *Binary Image Classification Competition.*

    - *Secured Top 20% in Mechanism of Action (MoA) Prediction.*
        - *Multi Class Classification Competition.*

- Hackathons:

    - *Participated in Daksh2020 Hackathon.*

- Organizing and volunteering work:

    - *Organizer of Innowah2k19 hackathon, Techutsav2k20, Blogothon.*

    - *General Secretary of IOT Club, TCE.*

CERTIFICATIONS

- Docker and Kubernetes: The Complete Guide - Udemy
- How to win a Data Science Competition - Coursera
- Extreme Gradient Boosting with xgboost - Datacamp
- Python for Computer Vision and Deep Learning - Udemy
- Python for Data Science and Machine Learning Bootcamp – Udemy
- Machine Learning - Coursera
- Data Structures and Algorithms Specialization – Coursera

HOBBIES

- Problem Solving on Leetcode, Hackerrank.
- Solving 3x3 Rubik's Cube.
- Playing Volleyball.
- Listening Music/Watching Movies.

PERSONAL DETAILS

CONTACT ADDRESS
C/o, The Placement Officer,
Thiagarajar College of Engineering,
Madurai - 625 015.
Phone   : 0452-2482240/41
Email: placement@tce.edu

PERMANENT ADDRESS
5189/A, Lakshmi Nagar,
Kadayakudi (POST),
Pudukkottai - 622 003.
Phone: 9489792583
Email: aakashveerappan@gmail.com

DATE OF BIRTH   : 12.05.2001
AGE   : 19 years
SEX   : Male
FATHER'S NAME   : G. Veerappan
LANGUAGES KNOWN   : English, Tamil

I, **AAKASH V,** hereby confirm that the information given above is true to the best of my knowledge.

DATE   :   Signature: (AAKASH V)

PLACE   : Madurai