

M.B.SAI ADITYA

AI Enthusiast Web Developer Explorer

-Aiming to Develop J.A.R.V.I.S

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EDUCATION

- National Institute of Technology Karnataka** Manglore, India
Bachelor of Technology - Mechanical(Major), Information Technology (Minor) CGPA : 8.73/10
Currently in 5th Semester (3rd Year)

TECHNICAL STRENGTHS

- Languages:** Python, C/C++, JavaScript, SQL
- Frameworks:** Scikit, NLTK, TensorFlow, Keras, Flask, Django, NodeJS
- Skills/Knowledge:** Machine Learning, Deep Learning, NLP, Backend Web Development
- Databases:** Firebase, MYSQL, MongoDB

EXPERIENCE

- Department of Mathematical and Computational Sciences, NITK (Ongoing)** On site
Summer Research Intern May 2022 - July 2022
 - Revamping the Product/Movie Review System with Sarcastic Comments/Reviews segregator.
 - Researching on Sentiment Analysis, Word Embeddings (GloVe, Word2Vec)
- The Institute of Engineering and Technology(IET), NITK** NITK Surathkal
Webmaster April 2022 - Present
 - Lead the maintenance of the Gatsby website for the club.
 - Continuously Improving the website with new features such as CEMS, Worboard etc.
- BAJA NITK (Media Team)** Remote
Lead Web Developer April 2021 - November 2021
 - Developed and Lead the maintenance of the website for the club.
 - Continuously Improving the website with new UI/UX and adding features such as Gallery, Alumni etc.

PROJECTS

- Sarcasm Detection (NLP, Deep Learning (RNN's,LSTM, GRU)):** Project Link
(Work in progress)
 - Developing an Deep Neural Network to segregate Sarcastic Comments/Reviews from Product/Movie Reviews System
 - Tensorflow, Keras and NLTK.
- Whatsapp Chat Analysis(Exploratory Data Analysis):** Project Link
 - Developed a system for Statistical Analysis of Individual/Group Whatsapp Chats without Media files being included.
 - Used Heatmaps, Bar Charts and Pie Charts to graphically represent the statistical data.
 - Pandas, urlextractor and emojis
- Handwritten Equation Solver(Deeplearning, CNN):** Project Link
 - Collaborated and Created a Deep CNN for detecting handwritten equation and then solved it using custom scripts.
 - Tensorflow, Keras and Kaggle
- Real Time Motion Detection Software(Computer Vision, YOLO Algorithm):** ProjectLink
 - Used OPEN-CV and YOLO to detect motions from video in Realtime and Embedded it into a Software using Tkinter .
 - Python, OpenCV, YOLO v3 and Tkinter
- Facial Authentication for Website (Admin Panel)(Computer Vision):**
 - Used OPEN-CV to for Admin's Face Recognition and used this recognition system as an Authentication on the website
 - Python, OpenCV and Flask