SAMPATH KUMAR

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EDUCATION

Indian Institute of Information Technology, Sri City   **2019 – 2023**
Bachelor of Technology in Computer Science and Engineering   *CGPA - 9.45 (till 6th sem)*

Nano junior college   **2017 - 2019**
Intermediate - **Percentage - 96%**

TECHNICAL KNOWLEDGE

Languages: Python, Java, C, C++, JavaScript, SQL
Frameworks/Libraries: React, Nodejs, REST API, Express, Tensorflow, sklearn, Pandas, NumPy
Databases: MONGODB, POSTGRESQL, MySQL
Developer Tools: Github, Linux, Swagger (OpenAPI), Docker, Postman, AWS, Excel
Soft Skills: Public Speaking, Decision Making, Leadership, Consistency, Eye for Detail

PROJECTS

TEXT Sentiment Analysis | TensorFlow, Sklearn, Keras, LSTM, SVM

- Developed a Python script to analyse the sentiments of social media posts.
- Used NLP techniques such as **tokenization, lemmatization, and vectorization** to perform tasks.
- On converting extracted texts and processed data into machine-readable language. Got 87% accuracy.
- Created and modelled an LSTM algorithm for data analysis in order to determine the sentiment polarity (5 sentiments) of a data set.

BLOGIT(social platform) | React, Redux, Node, MongoDB, REST API, Swagger, Material-UI

- Built a **MERN** application that helps user to share their views in form of blogs.
- Platform where User can create their profile and post the blogs.
- User can also like comment blogs.
- Added functionality such as **pagination, filtering, rating, comment** login authentication

LIFE EXPECTANCY(DATA SCIENCE) | R, Correlation, t-test

- Built a **R** application that takes the data contains more than 10 columns.
- Finding the columns that affect Life expectancy more. Found 51% atmost variability

PROFESSIONAL EXPERIENCE

Code Speedy   **JAN 2022 – MAR 2022**
Python Developer

- Creating a graphical user interface with **Python libraries and Tkinter** and reduced 50% of time.
- Got hands on many Python Libraries.

ACHIEVEMENTS

- Secured **global rank 1691** and **AIR 465** out of 10,000+ in Google Hashcode 2021
- 30 Days of **Google Cloud 2021 Participant**
- Completed Python data Structure Course on Coursera.
- Certified Google Data Science program by Coursera.

POSITIONS OF RESPONSIBILITY

GDSC - Google Technical Club   **JULY 2021 – Present**
LEAD   *IIIT SRICITY*

- Conducted many events and sessions. Teaching 1000+ students new technologies.
- Worked upon many projects created the **GDSC website** with a group of 10 members.

IOTA - Projects & Technical Club   **JUNE 2020 – Present**
LEAD   *IIIT SRICITY*

- Conducted events, sessions developer talks in different technical domains which impacted over 880+ students