RACHAKONDA SIVA SAI ABHISHEK

An Undergraduate Computer Science and Engineering student

I am a self-motivated, goal-oriented person with practical knowledge in the domains of Machine Learning Ebullient to learn new technologies to work in a dynamic organization that will contribute to my professional and personal growth.

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EDUCATION

Bachelor of Technology-CSE
Vignan's Institute of Information Technology

01/2021 - Present   *9.04 CGPA*

specailizaion
- CSE(Artificial Intelligence & Data Science)

AP Board Of Intermediate Education
Sri Chaitanya Junior College

07/2018 - 04/2020   *9.8 CGPA*

Courses
- Mathematics, Physics & Chemistry

PERSONAL PROJECTS

Deep Learning based Brain-Tumour-Detection (Xception-Model) (07/2022)
- Applying AI technologies in Medical Domain to get an efficient trained model through **Transfer learning,** can predict and classify the images of brain tumors and non-tumors with a training accuracy of **98%.**

Churn Modelling using Artificial Neural Network (ANN) (09/2022)
- A churn model is a mathematical representation of how customer churn impacts a business. Churn calculations are based on historical data.
- A predictive churn model uses this data to extrapolate future potential churn rates. This model was built using an **Artificial neural network** (ANN).

Machine learning approach for predicting Chronic Kidney Disease (01/2023)
- This project used the Classification ML algorithm **Logistic Regression**. The dataset has both categorical and numeric features. The goal of the project was to predict who has chronic kidney disease.
- The user interface was designed using **HTML, CSS, JavaScript**. The model was deployed on a local server and can predict the disease based on 24 attributes.
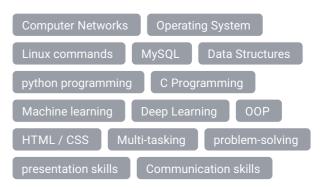
Logistic Regression IRIS dataset using Flask (01/2023)
- A web application with a user interface containing four attributes containing lengths and widths of both petal and sepal as input from the Pickle model used Logistic regression for classification.
- This model can predict and classifies the given points with an accuracy around 97%.

Predicting Suicide Tendency in Twitter Dataset (12/2022)
- Model for predicting suicide tendencies in Twitter data using NLP classification techniques.
- The goal of this project is to develop a model that can accurately identify and classify tweets that indicate a potential risk of suicide.
- The dataset is labeled with binary classes "suicidal" and "non-suicidal" that preprocess and transform the raw text data into numerical features.

SKILLS

Computer Networks   Operating System   Linux commands   MySQL   Data Structures   python programming   C Programming   Machine learning   Deep Learning   OOP   HTML / CSS   Multi-tasking   problem-solving   presentation skills   Communication skills

ACHIEVEMENTS

Academic Excellence Award (04/2023)
Recipient of the Academic Excellence Award *for maintaining a stellar* **9.04 CGPA** *throughout the first 6 semesters of the B.Tech program.*

Bagged 1st position in Ideathon competition (09/2022)
Issued by VISTA -2K22 Technical Fest . Sept 2022

Bagged 1st position in Ideathon Vista 2k22 AriTech theme (09/2023)
Issued by VISTA -2K22 Technical Fest . Sept 2023

CERTIFICATES

Cisco Certified Network Associate: Introduction to Networks (05/2023)
Issued by **Cisco Certified Network Associate**

Introduction to Cybersecurity (11/2022 - Present)
Issued by **Cisco Certified Network Associate**

Networking Essentials (03/2023)
Issued by Cisco Networking Essentials

AWS Academy Data Analytics (04/2023)
Issued by AWS AWS Academy Data Analytics

Applied Machine Learning, Deep Learning & Computer Vision with Python (06/2022)
issued by **E&ICT and NIT Patna**

Indo Universal Collaboration for Engineering Education (IUCEE) NEP Student Competition (03/2021)
Issued by IUCEE for presenting new Teaching methodologies

Cybersecurity Esssentials (06/2023)
Issued by **Cisco Certified Network Associate**

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WORK EXPERIENCE

Junior Web Developer - Intern
Namoona 3D Labs

02/2023 - 03/2023   *Vishakhapatnam, India*

Researching 3D Printing and New Product Development to build an ecosystem to accelerate innovations in the Mechanical and Electronic Manufacturing sectors.

Achievements/Tasks

- Designing user interfaces **login-signup-home** landing page for Namoona 3D Academy with the cloning of the existing Namoona group website.

Contact : A. Nikhil Chaitanya - Founder and Chairman of Namoona Group

Research and Project Internship
Sanmax Mercado

05/2023 - 06/2023

Achievements/Tasks

- Team involvement in researching robotic garage services and developing an **advanced booking system**.
- Developed a Front-End View of Mercado web page for Garage servicing using REACT, HTML, CSS, and JavaScript for validation.

Contact : Sanoj Thankappan - +971 58 589 6602

Python Developer Internship
Metacomic pvt Ltd

05/2023   *Vishakapatnam*

Metacomic startup offers a diverse range of services to help businesses stay competitive and succeed in today's ever-evolving digital landscape

Achievements/Tasks

- Developing a Real-time Interface for searching a word in pdfs, is done using the **pypdf2 library and PyQT interface** for it.

Contact : Deva Deepak erothi - Co-Founder and Chairman of Metacomic

Applied Machine Learning, Deep Learning & Computer Vision with Python
E&ICT and NIT Patna

06/2022 - 08/2022

Electronics and ICT Academies as a unit in IITs, NITs, IIITs, etc. for student up gradation to improve the employability of the graduates in various streams.

Achievements/Tasks

- Training and Performing tasks like **EDA on real-time datasets** applying best-fit models to get optimized solutions.

Contact : Dr. Bharat Gupta(CI E & ICT Academy,NIT Patna) - bharat@nitp.ac.in

CERTIFICATES

NPTEL certified Data Analytics with python (01/2022)
isssued by NPTEL

Database Management System certification (08/2022)
*Issued by **NPTEL***

Python Fundamentals (02/2023)
issued by Infosys Springboard

Python Programming for Everybody (12/2021)
issued by Coursera

Introduction to HTML5 (11/2021)
issued by Coursera

VIGNAN's IIT ACM Cybersecurity CTF (05/2021)
issued by VIIT ACM

PHP for Beginners (04/2023)
issued by Udemy
https://drive.google.com/file/d/1GNOL80RgKg2l0ZynhR1x7g5ZAtFfDcL2/view?usp=sharing

Git commands (03/2023)
issued by Udemy   Udemy Course Completion Certificate | Udemy

LANGUAGES

Telugu
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

English
Professional Working Proficiency

INTERESTS

Playing Chess and Badminton

Solving Puzzles and mazes