

SAI SHANKAR RACHABATTUNI

VIJAYAWADA, India 520004 • +91 9491726349 • rsaishankar3@gmail.com

Professional Summary

I am an AI professional with Master's degree in Artificial Intelligence. I am skilled in developing machine learning models, data analysis, data engineering, and problem-solving. I have strong practical experience with developing and implementing AI models for computer vision and Natural Language Processing. I also possess strong communication and collaboration skills. I am continuously seeking opportunities to expand my knowledge and stay up-to-date with AI advancements.

Skills

- Programming languages : C,Java, Python
- Operating system : Windows, Linux.
- Networking Technologies : TCP/IP, Routing and Switching.
- Databases : SQL, MySQL
- Testing Tools: Selenium, TestNG
- Cloud Platforms : Microsoft Azure, Oracle Cloud
- Front-End Technologies : HTML5, CSS, JavaScript, XML

Academic Projects

Prediction Of Heart Disease Using Hybrid Algorithm - Major Project (B.Tech)

Lakireddy Bali Reddy College Of Engineering - October 2017 - April 2018

- Developed and implemented project plans and budgets to ensure successful execution.
- Monitored project progress, identified risks and took corrective action as needed.
- Tracked project and team member performance closely to quickly intervene in mistakes or delays.

Deep Convolutional Generative Adversarial Networks - Minor Project (M.Tech)

Andhra University College Of Engineering - September 2020 - November 2020

- Through this project, The generator produces synthetic or fake images which look like training images. The discriminator looks at an image and the output and checks if the image is real or fake.
- I have delivered supportive and knowledgeable with academic or personal concerns.

Real-Time Object Detection Using Darknet In YOLOv4 - Major Project (M.Tech)

Andhra University College Of Engineering - June 2020 - November 2021

- The thing acknowledgment is done using YOLO. Precision and exactness can be compelled through setting up the structure for extra emphases and aligning the readiness dataset.
- This whole implementation is done in Google Colab. By using Darknet to implement YOLOv4. Along the way, we'll demystify the difficulties getting Darknet setup with Colab.

Education

Andhra University College of Engineering

M.Tech: CST- Artificial Intelligence & Robotics, **CGPA** – 7.81

Lakireddy Bali Reddy College of Engineering

B.Tech: Computer Science & Engineering, **CGPA** – 7.59

Bhashyam English Medium High School

Secondary School Certificate (SSC), **Percentage** – 90%

Professional Experience

Future Ready Talent Intern, 10/2021 to 12/2021

Microsoft – Virtual

- Future Ready Talent is a virtual internship platform with an opportunity to learn the in-demand Azure Cloud & Security skills aligned to industry needs.
- I have developed chatbots to maintain health history using Azure HealthBot services, Azure MySQL, Azure Bot, and Azure blob storage.

Machine Learning Intern, 08/2021 to 09/2021

Elite Techno Group – Virtual

- Implemented and evaluated artificial intelligence and machine learning algorithms and neural networks for diverse industries.
- Implemented Deep Learning Using Python with a project on "Lung Cancer Detection using CNN".

Networking Intern, 06/2017 to 06/2017

Bharat Sanchar Nigam Limited – Vijayawada

- I had the wonderful opportunity of attending a one month industrial training at BSNL, Vijayawada.
- Implemented a project titled "Design of campus area network using Virtual Local Area Network (VLAN) with Physical Network Security Implementation"

Related Coursework from January 2022 - July 2023

- Artificial Intelligence and Machine Learning Certification from Defence Institute of Advanced Technology (DIAT)
- Gained Research Knowledge from Artificial Intelligence, Machine Learning and Computer Vision.
- Having practical knowledge on Robotic Process Automation labs.
- Participated in So many coding challenges like Leetcode, HackerEarth, HackerRank.
- Strong knowledge and hands on experience on Testing tools like Selenium, TestNG and also known how to create test case and test plan development.

Publications

- Prediction of Heart Disease using Hybrid Algorithm - IJSEM Vol 3, Issue 4, April 2018.
- Real-Time Object Detection Using DarkNet in YOLOv4 – JOICS Vol 11, Issue11, November 2021.

Certifications

- Microsoft Azure Fundamentals (AZ-900).
- Microsoft AI Fundamentals (AI-900).
- Microsoft Data Fundamentals (AI-900).
- Coursera Deep Learning Specialization.
- Oracle Cloud Infrastructure 2023 Foundations Associate

Declaration

I here declare that the above-mentioned information furnished is true to the best of my knowledge and belief.

RACHABATTUNI SAI SHANKAR