

Suhas Ganga



- **Date of birth:** 07/05/2003 ● **Nationality:** Indian
- **Phone number:** +91 9566111145 ● **Email address:** suhasganga@gmail.com
- **Linkedin:** <https://www.linkedin.com/in/suhas-ganga-03b456224/>

Profile

A highly motivated and dedicated academic professional with keen interest in the domains of Artificial Intelligence, Deep Learning, Machine Learning, and Data Analytics. Continuously advancing my scholarly pursuits while actively pursuing the leading edge of novel technological innovations.

Education

09/2021 – present
Chennai, India

Computer Science Engineering with specialisation in Artificial Intelligence and Machine Learning | B.Tech
SRM Institute of Science and Technology

10/2017 – 07/2021
Chennai, India

Science | High School Diploma
Sishya School

Internship Experience

10/2024 – 12/2024
Chennai, India

Software and Web Development Intern
Cloutgency

- Developed and maintained websites using WordPress, Shopify, and Webflow for diverse clients.
- Designed and customized themes for visually appealing and functional websites.
- Built and optimized e-commerce platforms with smooth navigation and secure payment systems.
- Applied SEO techniques to enhance website rankings and visibility.
- Ensured responsive, mobile-friendly designs for a seamless user experience.
- Delivered post-launch support, including troubleshooting and performance monitoring.

06/2023 – 06/2023
Kochi, India

IT Intern
COIR Board

- Developed a data management system to monitor COIR exports from India.
- Processed and cleaned large datasets for accuracy and reliability.
- Applied machine learning to analyze trends and improve functionality.
- Created efficient workflows for data integration and monitoring.
- Collaborated on designing a user-friendly data visualization interface.
- Ensured system performance and scalability met industry standards.

Skills

- LANGUAGES

English
FULL

Tamil
FULL

Telugu
NATIVE

Hindi
PROFESSIONAL

Japanese
ELEMENTARY

- COMPUTER SKILLS

Java, C#

C, C++, Python

Microsoft Office

MySQL, SQLite3

Webflow, Wordpress,
Shopify

Cisco Packet Tracer

Machine Learning

Neural Networks

Raspberry Pi

Computer Vision

Natural Language
Processing

PyTorch, Tensorflow

AWS Cloud

Computer Networking

Remote Sensing and GIS

Assembly Language

- INTERPERSONAL SKILLS

Leadership Qualities

Sense Of Responsibility

Communication Skills

Critical Thinking

Time management

Good Team Player

Analytical Skills

Multitasking

Problem Solving

Projects and Research Papers

ColonGuard: Harnessing Deep Learning for Precision Early Detection of Colon Cancer (Publication Pending)

Engaged in research focused on the early detection of intestinal cancer through the analysis of medical images. Utilizing sophisticated deep learning models, particularly convolutional neural networks (CNNs), we developed algorithms to accurately identify cancerous regions, which can significantly aid in early intervention and treatment. This project is under review for publication, highlighting its potential contribution to medical imaging and cancer detection.

Projects

10/2023

Comparative Analysis of Various Machine Learning Algorithms for Alzheimer's Disease Prediction

- Developed a classification framework for Alzheimer's disease (AD) patient identification.
- Used T1-weighted MRI data from the OASIS dataset.
- Employed multiple machine learning algorithms for AD classification.

Projects

10/2023

Hand Gesture Controlled Video Game

- Implemented a version of Subway Surfers incorporating hand gesture controls.
- This enhanced accessibility for gamers with diverse physical abilities.
- Developed the project using Google's MediaPipe framework and the OpenCV library.

07/2023

System for Export Data Management of COIR and COIR Products from India

- Eliminated duplicate entries to ensure data quality.
- Pruned unnecessary columns to streamline the dataset for analysis.
- Filtered the dataset to include only records pertinent to coir products.
- Calculated the weight of the exported coir products for record-keeping and analysis.
- Categorized the export products to facilitate detailed analytical reviews in the future.

Hobbies



Basketball



Feeling the music



Every kind of sport



Navigating the seas of wisdom



Gaming



Cooking



Adventure sports



Exploring distant lands

Volunteering

09/2023 – 09/2023

Chennai, India

Industrial Visit Trip Coordinator SRM Institute of Science and Technology

- Managed over 300 students as Industrial Visit Trip Coordinator.
- Ensured student well-being with rigorous safety measures.
- Planned and executed the trip with meticulous attention to detail.
- Maintained unwavering commitment to safety and accountability.
- Delivered a smooth and secure experience for all participants.

01/2018 – 12/2018

Chennai, India

Volunteer Andhra Mahila Sabha

- Volunteered at Andhra Mahila Sabha, supporting mentally challenged children.
- Assisted with daily activities and educational tasks, fostering care and value.
- Designed creative activities tailored to individual abilities for joy and accomplishment.
- Provided emotional support and coordinated with caregivers for their well-being.
- Ensured a nurturing and positive environment through empathy and patience.



Certificates

- 07/2023 **AI-ML Virtual Internship**
AICTE NEAT
172ec3d625c74073663a830003ee1cd0
- 11/2021 **NVIDIA DLI - Fundamentals of Deep Learning**
NVIDIA Deep Learning Institute
<https://courses.nvidia.com/certificates/8371c7f13e2a44a68f89b483099a7e30>
- 11/2022 **NVIDIA DLI - Building Transformer-Based Natural Language Processing Applications**
NVIDIA Deep Learning Institute
<https://courses.nvidia.com/certificates/100847bf2ab548bf9c02ad3c9673a640/>
- 04/2023 **AWS Academy - Machine Learning Foundations**
Amazon Web Services (AWS)
<https://www.credly.com/go/88L1SPa9>
- 06/2023 **AWS Academy - Cloud Foundations**
Amazon Web Services (AWS)
<https://www.credly.com/go/gCeKLBRG>
- 04/2023 **Cisco - Networking Essentials**
Cisco
<https://www.credly.com/go/DW5Dfl5a>



Awards

- 2019 **M.G.Doss Award for Computer Science**



Extra Curricular Activities

- 04/2022 – 10/2022
Chennai, India **Member NLP**
CINTEL's Next-Gen AI
- 2012 – 2021
Chennai, India **Player for house Shotput team**
Sishya School
- 2012 – 2021
Chennai, India **Player for house Football team**
Sishya School
- 2012 – 2021
Chennai, India **Player for house Cricket team**
Sishya School