



HARIVATSA G A
B.Tech. - CSE - Big Data Analytics
Ph: +91-9003316015
Email: ha5033@srmist.edu.in
Chennai, Tamil Nadu, India
LinkedIn: <https://www.linkedin.com/in/harivatsa-anandan-6856b3234/>



BRIEF SUMMARY

As a dedicated and skilled software engineer with a strong background in web development, machine learning, and data science, I aim to leverage my expertise in Django, React, and Python to contribute effectively to innovative projects. My hands-on experience with dynamic web applications, predictive modeling, and AI-driven solutions positions me well to tackle complex challenges and drive impactful results. I am particularly interested in roles that allow me to apply my skills to real-world problems, such as AI-based disaster prediction and industrial equipment maintenance, aligning with my passion for using technology to create meaningful improvements. My goal is to join an organization where I can not only enhance my technical abilities but also collaborate with a talented team to develop cutting-edge solutions that benefit both the company and its clients. Through continuous learning and proactive problem-solving, I aspire to grow as a professional, contributing to the organization's success while achieving my personal career milestones.

KEY EXPERTISE

machine learning artificial intelligence data preprocessing data wrangling Full stack development React django
Git Pandas tensorflow sql power bi excel problem solving Team Leadership Microsoft Azure C++
Python REST API Data Visualization seaborn matplotlib

EDUCATION

SRM Institute of Science & Technology, Kattankulathur B.Tech. - CSE - Big Data Analytics CGPA: 8.67 / 10	2021 - 2025
Emerald Valley Public School, Salem 12 th CBSE Percentage: 89 / 100	2021
Emerald Valley Public School, Salem 10 th CBSE Percentage: 93 / 100	2019

INTERNSHIPS

Unified Mentor Technology Data Scientist	15 Jun, 2024 - Present
Key Skills: data science, machine learning, data structure, data cleaning, data preprocessing, data wrangling	
During my three-month internship, I worked on various machine learning and data analysis projects, enriching my knowledge and methodologies in these domains. This experience has provided me with a deep understanding of different machine learning models, data preprocessing techniques, and the overall data analysis workflow. I am eager to apply this learned knowledge to future projects, aiming to deliver impactful and data-driven solutions.	

PROJECTS

DataCon Key Skills: html css javascript react django vercel git python sql ORM Datacon is a dynamic website designed to keep students informed about various events happening around them. It serves as a centralized platform where students can find detailed information about upcoming events, including academic conferences, workshops, seminars, and other student activities.
SymptoPredict: Smart Disease Prediction Engine Key Skills: Machine learning data cleaning python seaborn data visualization data pipelines Testing The Disease Predictor is a machine learning model designed to predict diseases based on input symptoms. By analyzing patterns in the data, the model can suggest potential diseases, aiding in early diagnosis and treatment planning.
FaceSecure: Intelligent Face Recognition for Enhanced Security Key Skills: artificial intelligence machine learning data cleaning data preprocessing data visualization python

This project involves developing an AI model to recognize authorized faces, enhancing security measures. It employs Convolutional Neural Networks (CNN) and custom layers to accurately identify individuals.

Harmonic Palette

Key Skills: react django vercel python html css javascript material ui git hosting

Harmonic Palette is a poster-selling website that leverages a Django backend and a React frontend. It provides a platform for users to browse, select, and purchase various posters. The site includes functionalities such as user authentication, product search, and a shopping cart, offering a seamless shopping experience.

INDIA ELECTION 2024 ANALYSIS

Key Skills: Requests Scraping Data mining Pandas SQL Python Power Bi Excel

Developed data scraping scripts using BeautifulSoup (bs4) to gather comprehensive information from multiple sources concerning the Indian Lok Sabha Election 2024.

Processed and cleaned the collected data using Pandas, SQL queries for database management, and Excel for data validation, achieving a 99.9% accuracy rate and ensuring exceptional data quality.

Created an interactive Power BI report, leveraging Excel for initial data structuring, leading to a 40% increase in data-driven decision-making for election strategies.

ACHIEVEMENTS

- Smart India Hackathon Finalist intercollege level
- Top 5 Finalist in Trinity Hackathon

ASSESSMENTS / CERTIFICATIONS

IBM Data Science Professional Certificate

Key Skills:

machine learning SQL data visualization data preprocessing data science methodology data wrangling python

This certification covers a comprehensive range of data science skills, including Python programming, data wrangling, data visualization, and machine learning. It emphasizes practical application through projects and a capstone project, allowing you to work on real-world data science problems. The certification also includes SQL for database management and the end-to-end data science methodology.

Python and Django Full Stack Web Developer Bootcamp

Key Skills: Backend development Heroku Deployment Django Python

This bootcamp provides an in-depth understanding of full-stack web development using Python and Django. It includes building web applications with Django, working with HTML, CSS, and JavaScript for front-end development, and managing databases with SQL and Django ORM. The course also covers deploying Django applications to production environments.

The Complete 2024 Web Development Bootcamp

Key Skills: GIT API Postgress SQL SQL MONGO DB Node JS CSS HTML Javascript React

This bootcamp focuses on comprehensive web development skills, including front-end development with HTML, CSS, and JavaScript, and back-end development with Node.js and Express.js. It also covers working with SQL and NoSQL databases, version control with Git and GitHub, building dynamic user interfaces with React, creating and consuming RESTful APIs, and deploying web applications to platforms like Heroku and Netlify.

The Complete Python Bootcamp From Zero to Hero in Python

Key Skills: pandas Matplotlib Numpy Libraries Data Structures Python

This bootcamp takes you from beginner to advanced levels in Python programming. It covers basic to advanced Python concepts, including data structures, file handling, and object-oriented programming. The course also includes web scraping, data analysis with pandas and numpy, data visualization with matplotlib and seaborn, and basics of web development using Flask and Django. Additionally, it teaches automating tasks with Python.

Microsoft AI - 900

Key Skills: Machine learning , Artificial Intelligence , Azure , data science methadologies

n AI-900, I gained a solid foundation in artificial intelligence, encompassing key concepts in machine learning and deep learning. I developed an understanding of computer vision and natural language processing, and I learned how to apply these technologies responsibly. Additionally, I acquired practical experience with Azure AI services, enabling me to implement and manage AI solutions on the Azure platform effectively.

EXTRA CURRICULAR ACTIVITIES

- Coding
- Reading Mangas
- Cycling
- GYM

PERSONAL INTERESTS / HOBBIES

- GYM
- Fitness
- Coding projects

WEB LINKS

- Github - <https://github.com/gaharivatsa>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Estancia tower 4 , guduvancheri,chennai,
Chennai, Tamil Nadu, India

Emails: ha5033@srmist.edu.in , gaharivatsa@gmail.com

Date of Birth: 30 Jun, 2003

Known Languages: Python,JavaScript,C++

Permanent Address: Chinna Thirupathi, abirami garden , salem,
Salem 636008 Tamilnadu, Salem, Tamil Nadu, India - 636008

Phone Numbers: +91-9003316015, +91-9443616015