

BHARATH K

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ABOUT

Computer Science pursuing undergraduate passionate about diving into the world of Full Stack Web Development, Data Science, Machine Learning, and Deep Learning. Eager to apply my skills in transforming data into meaningful insights. Certified pianist with a knack for precision and creativity. Ready to harmonize technology and creativity in my career journey.

EDUCATION

SRM Institute of Science and Technology

B.Tech in Computer Science and Engineering

08/2023 - Present

- Cumulative Grade Point Average - 8.81

Maharishi Vidya Mandir @ Avigna Celeste

Senior Secondary (Computer Science)

04/2021 - 05/2023

- CBSE Class 12th - Percentage - 80%

Vidya Mandir @ Estancia

High School

04/2008 - 03/2021

- CBSE Class 10th Percentage - 84%

INDUSTRY/RESEARCH EXPERIENCE

Research Intern (On-Site)

SSN College of Engineering

06/2024 - 07/2024 Chennai, India

- Internship with *Stipend*.
- Audio Signal Testing - involved data collection audio, signal processing simulation of an underwater channel, signal restoration, representation with Matplotlib.

Machine Learning Intern (Remote)

Coding Raja Technologies

02/2024 - 03/2024 Hyderabad, India

Software Development, Hyderabad, Telangana

- During this Internship, I gained hands-on expertise in machine learning, including algorithm development, data preprocessing, and model evaluation, while collaborating with seasoned professionals on real-world challenges.
- This internship refined my skills in Python programming, statistical analysis, and deploying models, enhancing my problem-solving abilities and understanding of cutting-edge ML techniques.

AutoCAD Intern (On-site)

Autosys Engineering Pvt Ltd

12/2023 - 01/2024 Chennai, India

Automation company in Chennai, Tamil Nadu.

- During this internship, I honed my skills in precision drafting and design. Grateful for the opportunity to contribute to real-world projects.
- Proficient in *AutoCAD* software for designing and engineering drawings, with expertise in planning and development.

SKILLS

Programming Languages:

Python

C/C++

Java

Javascript

HTML5

CSS3

SQL

Frameworks/Version Control/Libraries:

Node.js

React

Flask

Spring

Git

PROJECTS

Sentiment Analysis with RoBERTa Model

This project outlines a basic approach to sentiment analysis using the powerful RoBERTa pre-trained model, along with SciPy and NumPy libraries for numerical computations and prediction conversions.

Image Classification Using Apple CreateML

This project targets at image classification which involves training a model with datasets to recognize and categorize objects within images.

Tic-Tac-Toe Game Development

A two-player Tic Tac Toe game on a 3x3 board developed with HTML, CSS, Javascript and Python, where players take turns placing 'X' and 'O' to achieve three in a row, with the option to reset and play again after the game concludes.

Healthcare Management System

The "E-Healthcare Management System" is an intuitive application aimed at streamlining the management of healthcare services. It efficiently manages patient records, doctor information, and administrative tasks, ensuring seamless operations and improved patient care. Developed using JAVA, SQL, HTML and CSS.

ACTIVE PARTICIPATION

IIT Madras-Tinkathon 2024 , Digithon '24, DS Hackathon 2.0