

Bhargav D R

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EDUCATION

- Dr. Ambedkar Institute of Technology** Bengaluru, India
Bachelor of Engineering - Electronics and Communication; GPA: 7.86 August 2018 - August 2022

SKILLS SUMMARY

- Languages:** Python, C, C++, JavaScript, SQL
- Frameworks:** ReactJS, React Native, NodeJS
- Tools:** GIT, MySQL, SQLite
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- Ariveguru Technology Solutions** Bengaluru
React Developer (Full-time) April 2023 - June 2023
 - React Native Application Development:** Developed cross-platform mobile applications using React Native framework.
 - ReactJS Portal Development:** Designed and developed dynamic and interactive web portal using React.js library.
 - Health Assistant Bot using OpenAI API:** Developed a conversational health assistant bot leveraging the OpenAI API.
- Cognizant Technology Solutions** Remote
Programmer Analyst Trainee April 2022 - March 2023
 - Network Essentials**
 - Automation**
 - Tools**
 - Analytics**
- neurala.AI** Remote
Machine Learning Intern March 2021 - April 2021
 - Machine Learning Algorithms and their implementation using Python**
 - Digit Recognition Model using MNIST dataset and custom image inputs**
 - Project: Dominant Colour Recognition in an Image.**
- EMELite Tech Solutions** Bengaluru
Intern January 2020 - February 2020
 - Circuit Designing:** Designed an SMPS circuit from scratch.
 - Circuit Building:** Built SMPS circuit after purchasing the necessary components.

PROJECTS

- Object Detection:** A machine learning model which is trained using the MS COCO dataset which has 80 different objects categories classified under it. Using OpenCV and YOLO algorithm, the model detects different objects present in an image or live video.
- Emotion Detection and Song Recommendation:** A dataset containing image examples of 5 different Emotions was used to train the model. Using OpenCV2 and Haar Cascade Frontal Face Classifier to detect user's face in the video frame and predicts the emotion being displayed. A list of 3 songs each for 3 languages are stored and the model returns a list based on the user's language preference and the predicted emotion.
- Todo Application:** A simple React.js todo app for easy task management with a clean and user-friendly interface, designed for minimalistic productivity.
- Cryptography project on Image Encryption and Decryption:** Python program uses file management and XOR Encryption method to Encrypt and Decrypt image files. The user enters an Encryption Key which is XORed with the file data to Encrypt and later Decrypt the file.

ACHIEVEMENTS

- Event Coordinator, AURDODRIVE at Electrotech 2K19:** Organized this event for the first time at Electrotech, Departmental Technical fest.
- Bassist, Carmel Pre-University College Band:** Represented college as a part of the college band in numerous inter college events/festivals and won various competitions in PU.
- Guitarist, Dr. Ambedkar Institute of Technology:** Formed a musical band for my college and performed with them on-stage at several cultural festivals.

VOLUNTEER EXPERIENCE

- Volunteer at U&I** Bengaluru, India
Volunteering at U&I to empower and provide after school tuition to underprivileged kids. August 2022 - April 2023
- Leader at U&I** Bengaluru, India
Leading a team of Volunteers at U&I to help and guide them to educate underprivileged kids. June 2023 - Present