

H P VIRAJ

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ACADEMIC QUALIFICATION

- Bachelor of Engineering, Electronics and Communication Engineering, B.M.S Institute of Technology, Bangalore, CGPA: 8.10 Aug 2019 - Jun 2023
- Pre-University Education, Class 12th, Expert PU College, Mangalore, Percentage: 90.50% Jun 2018– May 2019
- Class 10th, Jain Public School, Davangere, CGPA: 8.8 Jun 2016 – May 2017

INTERNSHIP

- Varcons Technologies Pvt Ltd, Bangalore** Aug – Sep 2022
- Learned Machine Learning with Python by the classes provided by the company. Worked on a project Predictive sentiment analysis.
 - Completed a project on Stockport – Predictive Sentiment Analysis.

ACADEMIC PROJECTS

- Title: Implementation of GUI Based Vital Track Ambulance for Patient Health Monitoring | Team Size: 4** Aug 2022 – Jun 2023
- Objective:** Enable seamless data transmission from the ambulance to the hospital to ensure that doctors at the hospital receive real-time updates on the patient's condition and can prepare accordingly for the patient's arrival.

Paper Name: Implementation of GUI Based Vital Track Ambulance for Patient Health Monitoring.

Authors: Dankan V, H P Viraj, Lokesh M, Rinkesh V Mailapur, Mahindra K.

Published in: 2023 8th International Conference on Communication and Electronics Systems (ICCES). **Publisher:** IEEE

Issue: Quality of medical care during patient transport.

Date of Publish: 1st August 2023.

Paper Link: <https://ieeexplore.ieee.org/document/10192765/>

Title: Real Time Sign Language Conversion | Team Size: 4

Mar - Jul 2022

Objective: To break communication barriers between the deaf and the ones with hearing abilities, by developing a technology capable of recognizing and translating sign language in real time.

TECHNICAL SEMINAR

- Topic: An Efficient Embedded Security System for Reduce Car Accident to Build Safer World Based On IOT** Mar 2023
- Objective:** To identify if driver's eyes are open or closed.

CERTIFICATIONS/ CONFERENCE/ OPEN DAY

- Presented our paper "Implementation of GUI based Vital Track Ambulance for Patient Health Monitoring" at the 8th International Conference on Communication and Electronics Systems (ICCES 2023) Organized by PPG Institute of Technology Coimbatore, India. 2023
- Received certificate on completion of Machine Learning with Python internship, organised by Varcons Technologies Pvt. Ltd. 2022
- Attended Open Day at Indian Institute of Science. 2019

TECHNICAL SKILLS

Languages: Java, HTML, CSS, Python, JavaScript

IDE: VS Code, Eclipse, PyCharm

Database: MySQL, Oracle

Others: Microsoft Office (MS Word, Excel, and PowerPoint)

COURSE

- Python Bootcamp Course in Udemy**
- Java Full Stack Web Development in Tap Academy.** 2024

EXTRACURRICULAR ACTIVITIES

- Took part in "Home Agro Drive" Practice of growing plants in home. Planted cape leadwort plant and nourished it. This plant has several benefits like it is used traditionally to treat warts, broken bones and wounds. 2020
- Collected E-Waste and gave awareness to people about the disposal methods of E-Waste. 2021

COMMUNITY SERVICE

- Completed a household survey in Kundana Village under Unnat Bharat Abhiyan to observe the villagers' lifestyle, to create awareness about education, and to inform villagers about the government facilities and best hygiene practices. 2022
- Took part in "Study Accessories Recycle and Reuse Drive" and "Covid-19 Vaccination Awareness", organized by Rotaract Club. 2021 - 2022

FIELD TRIPS

- Visvesvaraya Industrial and Technological Museum, Bangalore** 2019
- Observed science on a sphere, large visualization system that uses multimedia projections to display animated data.
 - Visited Engine Hall and observed engines of various cars, industrial machineries, and a jet aircraft engine.